

Pre-Renovation Asbestos Inspection Report

Project Location:

515 6th Street
Niagara Falls, NY 14301

Project ID: 18-0531JD-A

Conditions as of: May 31, 2018

Report Amended: June 26th, 2018

Prepared for:

Brian Frost
Loung Construction
388 Washington Street
Buffalo, New York 14203

Prepared by:



AMD Environmental Consultants, Inc.

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June 26th, 2018

Brian Frost
Loung Construction
388 Washington Street
Buffalo, NY 14203

**Re: Pre-Renovation Asbestos Inspection Report
515 6th Street
Niagara Falls, NY 14301
AMD Project ID: 18-0531JD-A**

Mr. Frost:

I am pleased to present this summary of asbestos survey services at the above referenced address.

AMD Environmental Consultants conducted a pre-renovation asbestos inspection in areas of planned renovations throughout the building at the above referenced address between May 31st and June 6th, 2018. Asbestos containing materials (ACM) were identified above 1% in materials that were sampled. For more detail refer to the summary on page 4.

New York State asbestos regulations (12 NYCRR 56-5) require that asbestos surveys are conducted in order to determine whether or not the building or structure, or portion(s) thereof to be demolished, renovated, remodeled, contains asbestos containing building materials (ACBM), or presumed asbestos containing materials (PACM). These regulations also require that a copy of the pre-renovation survey be forwarded to the local New York State Department of Labor (NYSDOL) Asbestos Control Bureau immediately upon completion of the survey (Buffalo Office: 65 Court Street, Rm. 405, Buffalo, NY 14202). **If requested to AMD in writing, a copy of the survey will be submitted on your behalf to the NYSDOL, otherwise a copy must be submitted by the owner.**

AMD Environmental Consultants, Inc. surveys are intended to determine, to a reasonable extent, the presence, location, quantity, and condition of accessible asbestos containing materials (surfacing, thermal systems insulation, and miscellaneous materials). The information contained herein is representative of conditions found onsite during the date/time this survey was conducted. Environmental conditions, renovation, vandalism, etc. may alter conditions from the date/time that this survey was conducted, potentially creating new hazards.

Please do not hesitate to contact me if I may provide any additional information.

Sincerely,

Anthony DeMiglio
President

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1.0 Asbestos Inspection

1.1 Introduction

AMD Environmental Consultants, Inc (AMD) was retained by Loung Construction to inspect the building located at 515 6th Street in Niagara Falls, NY for the presence of materials suspected of containing asbestos in areas of planned renovations.

AMD was assigned to:

- Locate suspect asbestos containing materials (ACM),
- Sample these materials to determine asbestos content, and
- Identify the locations and estimated quantities of the confirmed asbestos containing materials.

The information following this introduction details the amount of asbestos present in this facility and the location of the ACBM (asbestos containing building materials). Although the report is a comprehensive analysis of the asbestos inspection work performed, it would be helpful to review all applicable federal, state and local rules, laws and regulations regarding the handling and treatment of ACBM.

The following is a list of suggested reading and information sources relating to asbestos:

- New York State Department of Labor Industrial Code Rule 56
- National Emission Standard for Hazardous Air Pollutants (NESHAPS)
- Occupational Safety and Health Administration
- (OSHA 1926.1101, 1910.134, 1910.1020, 1910.1200, 1910.145, 1910.95, 1926.58)
- Environmental Protection Agency rule CFR763.46 Asbestos Hazard Emergency Response Act



1.2 Executive Summary

The scope of services included the identification of suspect asbestos containing building materials in areas of planned renovations; sampling and analysis of the suspect materials; and identifying the locations, estimated quantities, and condition of the confirmed asbestos containing materials.

Sampling and analysis of the suspect materials under Polarized Light Microscopy (PLM), and where necessary, under Transmission Electron Microscopy (TEM), revealed the following materials as asbestos containing building materials (ACBM):

ASBESTOS CONTAINING MATERIALS SUMMARY

HAN	Material Description	SID (Space Identification Number)	Estimated Quantity SF*	Friability/ Condition
001	Floor Debris	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement – NOTE 3	122,000 sq. ft. Debris On Floors	F/SD
102	Transite Wall Panels	6 th Floor	350 sq.ft.	NF/SD
104B	Ceramic Wall Tile Mastic	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	16,500 sq. ft.	NF/SD
300	9" x 9" Floor Tile – Various Colors	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	Included In HAN 300A	NF/SD
300A	Mastic of 9" x 9" Floor Tile	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	116,000 sq. ft.	NF/SD
303	12" x 12" Floor Tile – Beige/Grey	2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, Basement	21,000 sq. ft.	NF/SD
400	Thermal Systems Insulation – Aircell, Duplex and Mag Pipe Insulation	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement – NOTE 2	7, 500 linear feet	F/SD
401	Pipe Fittings	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement – NOTES 1&2	Included In HAN 400	F/SD
403	Mag Pipe Insulation	2 nd Floor – NOTE 2	500 linear feet	F/SD
500	Duct Insulation	2 nd Floor, 6 th Floor	600 sq. ft.	F/SD
501	Black Tar on Cork	2 nd Floor	250 sq. ft.	NF/SD
502	Boiler Breeching	Basement – NOTE 1	2,000 sq. ft.	F/SD
503	Hot Water Tank Insulation	Basement – NOTE 1	800 sq. ft.	F/SD



ASBESTOS CONTAINING MATERIALS SUMMARY (continued)

HAN	Material Description	SID (Space Identification Number)	Estimated Quantity SF*	Friability/ Condition
504	Internal Boiler Components	Basement – NOTE 1	Unable to Quantify	F/SD
505	Flange Gasket	Basement – NOTE 1	Included In HAN 400	F/SD
600	Window Glaze	Exterior	245 sq. ft.	NF/SD
601	Window Caulk	Exterior	486 sq. ft.	NF/SD
603	Window Glaze – Interior	Boiler Room	150 sq. ft.	NF/D
604	Elevator Brake Shoes	Elevator Penthouses – NOTE 1	25 sq. ft.	NF/D
700	Roofing – Field	Roof A	2,200 sq. ft.	NF/I
701	Roofing – Flashing	Roof A – NOTE 1	Included In HAN 700	NF/I
702	Roofing – Repair Tar	Roof A – NOTE 1	Included In HAN 700	NF/I
704	Roofing – Field	Roof B – NOTE 1	Included In HAN 705	NF/I
705	Roofing – Silver Paint	Roof B	1,100 sq. ft.	NF/D
706	Roofing – Flashing	Roof B – NOTE 1	Included In HAN 705	NF/I
707	Roofing – Field	Roof C – NOTE 1	Included In HAN 710	NF/I
708	Roofing – Flashing	Roof C – NOTE 1	Included In HAN 710	NF/I
709	Roofing – Repair Tar	Roof C – NOTE 1	Included In HAN 710	NF/I
710	Roofing – Silver Paint	Roof C	1,000 sq. ft.	NF/D
714	Roofing – Field	Roof E	1,800 sq. ft.	NF/I
715	Roofing – Flashing	Roof E – NOTE 1	Included In HAN 714	NF/I
716	Roofing – Repair Tar	Roof E – NOTE 1	Included In HAN 714	NF/I
717	Roofing – Silver Paint	Roof E – NOTE 1	Included In HAN 714	NF/D
718	Roofing – All 6 th Floor Roof Levels	Roof F – NOTE1	8,000 sq. ft.	NF/I

*Quantities are approximate, and are only associated with areas of planned renovation. Additional asbestos containing materials may be located outside areas of planned renovation that were not surveyed, assessed or quantified during this inspection.



INSPECTION NOTES:

NOTE 1 - Materials were assumed to contain asbestos based on AMD Environmental's experience or because they were adhered or adjacent to an asbestos containing material and removal would result in the disturbing of the asbestos containing material.

NOTE 2 - Quantities indicated in this report reflect only the readily accessible or visible material. Several crawlspaces and/or plenums were observed at time of inspection. However, due to limited access and safety concerns, these spaces were not entered.

NOTE 3 – Due to years of neglect and acts of vandalism, debris consisting of plaster, drywall, glass, glazing, pipe insulation, remnants of occupation belongings, etc. has accumulated on all floors. Since it is impossible to determine if asbestos content is present in debris, it is assumed that it may exist. Therefore, all debris on all floors must be managed as ACM.

NOTE4- Due to the presence of asbestos containing debris greater than 10 sq. ft., a NYS Dept. of Labor approved variance will be required to properly remove and clean the aforementioned asbestos debris from the property. It is required that all asbestos debris be removed by a certified asbestos abatement contractor. Access shall be limited to NYS licensed asbestos contractors only.

KEY TERMS AND DEFINITIONS:

HAN= Homogenous Area Number; number assigned to categorize materials of like composition, texture and appearance

SID=Space Identification Number: Sample Locations

Friability/Condition:

F= Friable: a material that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure, or is capable of being released into the air by hand pressure.

NF= Non Friable: a material that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure, or is incapable of being released into the air by hand pressure.

I= Intact: Asbestos material that has not crumbled, been pulverized, or otherwise been damaged or disturbed, and the material's matrix has not noticeably deteriorated.

D= Damaged: Asbestos material that has deteriorated or sustained physical injury demonstrated by separation of the ACM into layers, separation of the ACM from the substrate, flaking, blistering, crumbling, water damage, scrapes, gouges, or other signs of physical injury.

SD=Significantly Damaged: Damaged asbestos where the damage is extensive and severe.

ACM=Asbestos Containing Material: material analyzed and confirmed by laboratory to contain above 1% of asbestos

PACM= Presumed Asbestos Containing Material: this material was assumed to contain asbestos to either save the client on lab fees or because the material was adhered to another asbestos containing material (or adjacent to other materials needing abatement) and must be managed as such



1.3 Purpose

The purpose of the asbestos inspection was to identify and quantify the types of asbestos containing building materials (ACBM) in the building. Samples of the suspect materials were collected for analysis by an independent laboratory, and the condition of each material noted in relation to its potential to be disturbed. The potential for fiber release was also considered.

The report is generated for the exclusive use of Loung Construction and its representatives or agents, and is not designed to serve as a specification for abatement. Before requesting bids for abatement of materials identified in this report, the owner is strongly encouraged to contract with a consultant to provide this valuable service. A specification assures that all contractors are bidding on the same methodology and following the specific requirements for the work to be performed.

The inspection was conducted by NYS DOL Certified Asbestos Inspectors John Doucette, David Batt, David Lang and Stephen Maghran between May 31st and June 6th, 2018 and revealed the following suspect asbestos containing building materials:

HOMOGENOUS MATERIALS & SAMPLE RESULTS

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/Condition
001	Floor Debris	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	See Note 3	YES	122,000 sq. ft. Debris On Floors	F/SD
100A	Skim Coat Plaster	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	100A-1, 100A-2, 100A-3, 100A-4, 100A-5, 100A-6, 100A-7, 100A-8, 100A-9, 100A-10, 100A-11, 100A-12, 100A-13	No	N/A	F/SD
100B	Base Coat Plaster	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	100B-1, 100B-2, 100B-3, 100B-4, 100B-5, 100B-6, 100B-7, 100B-8, 110B-9, 100B-10, 100B-11, 100B-12, 100B-13	No	N/A	F/SD
101	Drywall	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor	101-1, 101-2, 101-3	No	N/A	F/SD
101A	White Joint Compound	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor	101A-1, 101A-2, 101A-3	No	N/A	F/SD
102	Transite Wall Panels	6 th Floor	102-1, 102-2	Yes	350 sq. ft.	NF/SD
103	Pyro Bar- Block	6 th Floor	103-1, 103-2	No	N/A	F/SD



HOMOGENOUS MATERIALS & SAMPLE RESULTS (Continued)

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/Condition
104A	Ceramic Wall Tile Grout	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor	104A-1, 104A-2	No	N/A	F/D
104B	Ceramic Wall Tile Mastic	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor	104B-1, 104B-2	No	N/A	F/SD
200	1' x 1' Ceiling Tile – Fissure Pattern	2 nd Floor, 6 th Floor	200-1, 200-2	No	N/A	F/SD
200A	Mastic of 1' x 1' Ceiling Tile	2 nd Floor, 6 th Floor	200A-1, 200A-2	No	N/A	NF/SD
201	2' x 4' Ceiling Tile	1 st Floor, 2 nd Floor, 3 rd Floor, 5 th Floor	201-1, 201-2	No	N/A	NF/D
300	9" x 9" Floor Tile – Various Colors	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor, Basement and Sub-Basement	300-1, 300-2	Yes	116,000 sq. ft.	NF/SD
300A	Mastic of 9" x 9" Floor Tile	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor, Basement and Sub-Basement	300A-1, 300A-2	Yes	116,000 sq. ft.	NF/D
301	Cove Base Mastic	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	301-1, 301-2	No	N/A	NF/SD
302	Carpet Mastic	1 st Floor, 5 th Floor	302-1, 302-2	No	N/A	NF/SD
303	12" x 12" Floor Tile – Beige/Grey	2nd Floor, 3rd Floor, 4th Floor, 5th Floor, Basement	303-1, 303-2	Yes	21, 000 sq. ft.	NF/SD
303A	Yellow Mastic of 12" x 12" Floor Tile	2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, Basement	303A-1, 303A-2	No	N/A	NF/D
304	Linoleum – Gold	3 rd Floor, 4 th Floor, 5 th Floor	304-1, 304-2	No	N/A	NF/D
305	Floor Leveler	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor	305-1, 305-2	No	N/A	NF/D
400	Thermal Systems Insulation – Aircell, Duplex and Mag Pipe Insulation	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor, Basement and Sub-Basement	400-1, 400-2	Yes Note 2	7, 500 linear feet	F/SD
401	Pipe Fittings	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor, Basement and Sub-Basement	401-1, 401-2	Yes Note 1 & 2	N/A	F/SD



HOMOGENOUS MATERIALS & SAMPLE RESULTS (Continued)

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/Condition
402	Canvas Jacket of Fiberglass Pipe w/ Tar Coating	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	402-1, 402-2	No	N/A	F/SD
403	Mag Pipe Insulation	2 nd Floor	403-1, 403-2	Yes	500 linear feet	F/SD
500	Duct Insulation	2 nd Floor, 6 th Floor	500-1, 500-2	Yes	600 sq. ft.	F/SD
501	Black Tar on Cork	2 nd Floor	501-1, 501-2	Yes	250 sq. ft.	F/SD
502	Boiler Breeching	Basement	Samples Not Submitted	Yes Note 1	2,000 sq. ft.	F/SD
503	Hot Water Tank Insulation	Basement	Samples Not Submitted	Yes Note 1	800 sq. ft.	F/SD
504	Internal Boiler Components	Basement	Samples Not Submitted	Yes Note 1	Unable to Quantify	F/SD
505	Flange Gasket	Basement	Samples Not Submitted	Yes Note 1	Included with HAN 400	F/SD
600	Window Glaze	Exterior	600-1, 600-2	Yes	486 sq. ft.	NF/SD
601	Window Caulk	Exterior	601-1, 601-2	Yes	486 sq. ft.	NF/SD
602	Wire Insulation	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	602-1, 602-2	No	N/A	NF/D
603	Window Glaze – Interior	Boiler Room	603-1, 603-2	Yes	50 sq. ft.	NF/D
604	Elevator Brake Shoes	Elevator Penthouses	Samples Not Submitted	Yes Note 1	25 sq. ft.	NF/D
700	Roofing – Field	Roof A	700-1, 700-2	Yes	2,200 sq. ft.	NF/I
701	Roofing – Flashing	Roof A	701-1, 701-2	Yes Note 1	Included In HAN 700	NF/I
702	Roofing – Repair Tar	Roof A	702-1, 702-2	Yes Note 1	Included In HAN 700	NF/I
703	Roofing – Lightweight Concrete	Roof A	703-1, 703-2	No	N/A	NF/I
704	Roofing – Field	Roof B	704-1, 704-2	Yes Note 1	Included In HAN 705	NF/I
705	Roofing – Silver Paint	Roof B	705-1, 705-2	Yes	1,200 sq. ft.	NF/D
706	Roofing – Flashing	Roof B	706-1, 706-2	Yes Note 1	Included In HAN 705	NF/I
707	Roofing – Field	Roof C	707-1, 707-2	Yes Note 1	Included In 710	NF/I
708	Roofing – Flashing	Roof C	708-1, 708-2	Yes Note 1	Included In 710	NF/I



HOMOGENOUS MATERIALS & SAMPLE RESULTS (Continued)

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/Condition
709	Roofing – Repair Tar	Roof C	709-1, 709-2	Yes Note 1	Included In HAN 710	NF/I
710	Roofing – Silver Paint	Roof C	710-1, 701-2	Yes	1,150 sq. ft.	NF/I
711	Roofing – Field	Roof D	711-1, 711-2	No	N/A	NF/I
712	Roofing – Flashing	Roof D	712-1, 712-2	No	N/A	NF/I
713	Roofing – Repair Tar	Roof D	713-1, 713-2	No	N/A	NF/I
714	Roofing – Field	Roof E	714-1, 714-2	Yes	1,900 sq. ft.	NF/I
715	Roofing – Flashing	Roof E	715-1, 715-2	Yes Note 1	Included In HAN 714	NF/I
716	Roofing – Repair Tar	Roof E	716-1, 716-2	Yes Note 1	Included In HAN 714	NF/I
717	Roofing – Silver Paint	Roof E	717-1, 717-2	Yes Note 1	Included In HAN 714	NF/I
718	Roofing – All 6 th Floor Roof Levels	Roof F	Samples Not Submitted	Yes Note 1	8,000 sq. ft.	NF/I

*Quantities are approximate, and are only associated with areas of planned renovation. Additional asbestos containing materials may be located outside areas of planned renovation that were not surveyed, assessed or quantified during this inspection.

The above listed table provides a list of the materials that were sampled and tested for asbestos by Polarized Light Microscopy (PLM) and or Transmission Electron Microscopy (TEM), as applicable. Any sample determined to be a non-friable organically bound material (NOB), and which was found to be negative by Polarized Light Microscopy (PLM) analysis, was then analyzed by Transmission Electron Microscopy (TEM) analysis at American Science Team New York Inc. (AmeriSci) in New York, New York. AmeriSci is an ELAP Certified laboratory (ID: 11480) and conducts analysis according to EPA Method 198.1, 198.4 and 198.6. See Section 2.0 for the laboratory's analytical results.

INSPECTION NOTES:

NOTE 1 - Materials were assumed to contain asbestos based on AMD Environmental's experience or because they were adhered or adjacent to an asbestos containing material and removal would result in the disturbing of the asbestos containing material.

NOTE 2 - Quantities indicated in this report reflect only the readily accessible or visible material. Several crawlspaces and/or plenums were observed at time of inspection. However, due to limited access and safety concerns, these spaces were not entered.

NOTE 3 - Due to years of neglect and acts of vandalism, debris consisting of plaster, drywall, glass, glazing, pipe insulation, remnants of occupation belongings, etc. has accumulated on all floors. Since it is impossible to determine if asbestos content is present in debris, it is assumed that it may exist. Therefore, all debris on all floors must be managed as ACM.

NOTE4- Due to the presence of asbestos containing debris greater than 10 sq. ft., a NYS Dept. of Labor approved variance will be required to properly remove and clean the aforementioned asbestos debris from the property. It is required that all asbestos debris be removed by a certified asbestos abatement contractor. Access shall be limited to NYS licensed asbestos contractors only.

1.4 Methodology

All work performed by AMD Environmental Consultants, Inc. was conducted in accordance with applicable regulations, including New York State Department of Labor standards 12NYCRR Part 56, National Emission Standards for Hazardous Air Pollutants (NESHAPS), and Occupational Safety and Health Administration regulations 29CFR1910.1101 and 29CFR1910.134. All AMD personnel assigned to conduct inspections have completed the Environmental Protection Agency (EPA) required training and New York State Department of Labor Division of Safety and Health certification program.

Each suspect asbestos containing building material (ACBM) was assigned a homogenous area number (HAN). Homogeneous areas consist of materials of like composition, texture and appearance.

Based on the homogeneous areas, samples of suspect materials were collected. Techniques used for sample collection were designed to minimize damage to suspected areas, reduce any potential for fiber release, and ensure the safety of the inspector and building occupants. Samples were collected by AMD personnel using the following procedures:

1. The surface to be sampled was sprayed with amended water (detergent and water) as necessary
2. A plastic sample bag was held to the surface sampled
3. The sample was collected using tools appropriate to the friability of the material sampled
4. Sample bags were labeled with a unique sample identification number
5. Samples were recorded on a Chain of Custody form, and submitted under strict chain-of-custody procedures to American Science Team New York Inc. (AmeriSci) in New York, New York. AmeriSci is an ELAP and NYSDOH approved, certified laboratory for PLM and TEM analysis (ELAP ID: 11480).

Samples were first analyzed using PLM, Polarized Light Microscopy in accordance with US Environmental Protection Agency Interim Method, 40CFRpt763, Supt F, App A(7-1-87). For the sample results not considered definitive, additional analysis was performed under Transmission Electron Microscopy (TEM) in accordance with NYSDOH ELAP Item 198.4, for Non-friable Organically Bound Bulk Material (NOB). The results of these analyses confirmed whether or not a suspect materials actually contained asbestos. All materials sampled are summarized in Section 1.3 of this report; the presumed asbestos containing materials and materials containing asbestos above 1.0% are listed in Section 1.2.



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2.0 Laboratory Analytical Results



PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.	Date Received 06/08/18	AmeriSci Job # 218062160
Attn: John Wolf	Date Examined 06/12/18	P.O. #
712 Main Street	ELAP # 11480	Page 1 of 7
Suite L1	RE: 180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY	
Buffalo, NY 14202		

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100A-1 Location: Basement - Skim Plaster	218062160-01	No	NAD ¹ (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100A-2 Location: Basement - Skim Plaster	218062160-02	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100A-3 Location: Basement - Skim Plaster	218062160-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100A-4 Location: 3rd Floor - Skim Plaster	218062160-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100A-5 Location: 3rd Floor - Skim Plaster	218062160-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100A-6 Location: 4th Floor - Skim Plaster	218062160-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
100A-7 Location: 4th Floor - Skim Plaster	218062160-07	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
100A-8 Location: 5th Floor - Skim Plaster	218062160-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
100A-9 Location: 5th Floor - Skim Plaster	218062160-09	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
100A-10 Location: 5th Floor - Skim Plaster	218062160-10	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
100A-11 Location: 6th Floor - Skim Plaster	218062160-11	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100A-12 Location: 6th Floor - Skim Plaster	218062160-12	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
100A-13 Location: 6th Floor - Skim Plaster	218062160-13	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
100B-1 Location: Basement - Base Plaster	218062160-14	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Non-fibrous 100 %			
100B-2 Location: Basement - Base Plaster	218062160-15	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-3 Location: Basement - Base Plaster	218062160-16	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-4 Location: 3rd Floor - Base Plaster	218062160-17	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Non-fibrous 100 %			

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100B-5 Location: 3rd Floor - Base Plaster	218062160-18	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-6 Location: 4th Floor - Base Plaster	218062160-19	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Non-fibrous 100 %			
100B-7 Location: 4th Floor - Base Plaster	218062160-20	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-8 Location: 5th Floor - Base Plaster	218062160-21	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-9 Location: 5th Floor - Base Plaster	218062160-22	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-10 Location: 5th Floor - Base Plaster	218062160-23	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Animal hair Trace, Non-fibrous 100 %			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100B-11 Location: 6th Floor - Base Plaster	218062160-24	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-12 Location: 6th Floor - Base Plaster	218062160-25	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-13 Location: 6th Floor - Base Plaster	218062160-26	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
101-1 Location: 6th Floor - Drywall	218062160-27	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 10 %, Fibrous glass 5 %, Non-fibrous 85 %			
101-2 Location: 6th Floor - Drywall	218062160-28	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 15 %, Fibrous glass 2 %, Non-fibrous 83 %			
101-3 Location: 2nd Floor - Drywall	218062160-29	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 10 %, Non-fibrous 90 %			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
101A-1 Location: 6th Floor - Joint Compound	218062160-30	Yes	0.8 % (EPA 400 PC) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 0.8 %			
Other Material: Cellulose Trace, Non-fibrous 99.2 %			
101A-2 Location: 6th Floor - Joint Compound	218062160-31	Yes	0.5 % (EPA 400 PC) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 0.5 %			
Other Material: Cellulose Trace, Non-fibrous 99.5 %			
101A-3 Location: 2nd Floor - Joint Compound	218062160-32	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
102-1 102 Location: 6th Floor - Transite Wall Panel	218062160-33	Yes	16.7 % (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Grey, Homogeneous, Fibrous, Cementitious, Bulk Material			
Asbestos Types: Chrysotile 16.7 %			
Other Material: Non-fibrous 83.3 %			
102-2 102 Location: 6th Floor - Transite Wall Panel	218062160-34		NA/PS
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			
103-1 Location: 6th Floor - Pyrobar Block	218062160-35	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 5 %, Non-fibrous 95 %			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
103-2 Location: 6th Floor - Pyrobar Block	218062160-36	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 5 %, Non-fibrous 95 %			
104A-1 Location: 5th Floor - Ceramic Wall Tile Grout	218062160-37	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
104A-2 Location: 5th Floor - Ceramic Wall Tile Grout	218062160-38	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Reporting Notes:

(1) This job was - Analyzed using Motic BA310 Pol Scope S/N 1190000538

Analyzed by: Bo Sun Bo Sun

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: _____ END OF REPORT _____



PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.
 Attn: John Wolf
 712 Main Street
 Suite L1
 Buffalo, NY 14202

Date Received 06/11/18 **AmeriSci Job #** 218062446
Date Examined 06/13/18 **P.O. #**
ELAP # 11480 **Page** 1 of 5
RE: 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
305-3 305	218062446-01 Location: 1st Floor - Floor Leveler	No	NAD ¹ (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Brown/White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
305-4 304	218062446-02 Location: 1st Floor - Floor Leveler	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Brown/White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
400-1 400	218062446-03 Location: 6th Floor - Air Cell Pipe Insulation	Yes	26.7 % (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: White, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 26.7 %			
Other Material: Cellulose 40 %, Non-fibrous 33.3 %			
400-2 400	218062446-04 Location: 6th Floor - Air Cell Pipe Insulation		NA/PS
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			
401-1 401	218062446-05 Location: 4th Floor - Mud Fittings	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 15 %, Non-fibrous 85 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
401-2 401	218062446-06 Location: 2nd Floor - Mud Fittings	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 20 %, Non-fibrous 80 %			
401-3 401	218062446-07 Location: Basement - Mud Fittings	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 20 %, Non-fibrous 80 %			
402-1 402	218062446-08 Location: 4th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.	No	NAD (by NYS ELAP 198.6) by Bo Sun on 06/13/18
Analyst Description: Silver/Black/White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18.1 % Comment: Submitted Sample Contained TAR (NOB)			
402-2 402	218062446-09 Location: 4th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.	No	NAD (by NYS ELAP 198.6) by Bo Sun on 06/13/18
Analyst Description: Silver/Black/White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 25.2 % Comment: Submitted Sample Contained TAR (NOB)			
402-3 402	218062446-10 Location: 5th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: White/Green, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 95 %, Non-fibrous 5 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
403-1 403	218062446-11 Location: 2nd Floor - Mag Pipe Insulation	Yes	5 % (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 2.0 %, Amosite 3.0 % Other Material: Non-fibrous 95 %			
403-2 403	218062446-12 Location: 2nd Floor - Mag Pipe Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
403-3 403	218062446-13 Location: 2nd Floor - Mag Pipe Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
500-1 500	218062446-14 Location: 2nd Fl. - Duct Insulation	Yes	14.3 % (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Grey/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 14.3 % Other Material: Non-fibrous 85.7 %			
500-2 500	218062446-15 Location: 2nd Fl. - Duct Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
500-3 500	218062446-16 Location: 2nd Fl. - Duct Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
501-1 501	218062446-17 Location: 2nd Fl. - Black Tar On Cork	Yes	4.1 % ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.1 % Other Material: Non-fibrous 47.3 %			
501-2 501	218062446-18 Location: 2nd Fl. - Black Tar On Cork		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
600-1 600	218062446-19 Location: Ext. - Window Glazing Comp.	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Anthophyllite <0.25 % pc Other Material: Non-fibrous 9.1 %			
600-2 600	218062446-20 Location: Ext. - Window Glazing Comp.	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Anthophyllite <0.25 % pc Other Material: Non-fibrous 12.5 %			
602-1 602	218062446-21 Location: 6th Fl. - Wire Insulation	No	NAD (by NYS ELAP 198.6) by Bo Sun on 06/13/18
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18.7 %			
602-2 602	218062446-22 Location: 6th Fl. - Wire Insulation	No	NAD (by NYS ELAP 198.6) by Bo Sun on 06/13/18
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18.5 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
603-1 603	218062446-23 Location: Boiler Rm. - Interior Window Glaze	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 13.1 %			
603-2 603	218062446-24 Location: Boiler Rm. - Interior Window Glaze	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 28.9 %			

Reporting Notes:

- (1) This job was - Analyzed using Motic BA310 Pol Scope S/N 1190000538
- (2) Sample prepared for analysis by ELAP 198.6 method

Analyzed by: Bo Sun Bo Sun

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: _____ END OF REPORT _____

Table I
Summary of Bulk Asbestos Analysis Results
 180531JD-A; 515 6th St., N. Falls, NY

18-0531JD-A

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	305-3	305	---	---	---	---	NAD	NA
Location: 1st Floor - Floor Leveler								
02	305-4	304	---	---	---	---	NAD	NA
Location: 1st Floor - Floor Leveler								
03	400-1	400	---	---	---	---	Chrysotile 26.7	NA
Location: 6th Floor - Air Cell Pipe Insulation								
04	400-2	400	---	---	---	---	NA/PS	NA
Location: 6th Floor - Air Cell Pipe Insulation								
05	401-1	401	---	---	---	---	NAD	NA
Location: 4th Floor - Mud Fittings								
06	401-2	401	---	---	---	---	NAD	NA
Location: 2nd Floor - Mud Fittings								
07	401-3	401	---	---	---	---	NAD	NA
Location: Basement - Mud Fittings								
08	402-1	402	0.144	81.3	0.7	18.1	NAD	NAD
Location: 4th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.								
09	402-2	402	0.226	74.3	0.4	25.2	NAD	NAD
Location: 4th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.								
10	402-3	402	---	---	---	---	NAD	NA
Location: 5th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.								
11	403-1	403	---	---	---	---	Chrysotile 2.0 Amosite 3.0	NA
Location: 2nd Floor - Mag Pipe Insulation								
12	403-2	403	---	---	---	---	NA/PS	NA
Location: 2nd Floor - Mag Pipe Insulation								
13	403-3	403	---	---	---	---	NA/PS	NA
Location: 2nd Floor - Mag Pipe Insulation								
14	500-1	500	---	---	---	---	Chrysotile 14.3	NA
Location: 2nd Fl. - Duct Insulation								
15	500-2	500	---	---	---	---	NA/PS	NA
Location: 2nd Fl. - Duct Insulation								
16	500-3	500	---	---	---	---	NA/PS	NA
Location: 2nd Fl. - Duct Insulation								

See Reporting notes on last page

18-0531JD-A

Table I
Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., N. Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	501-1	501	0.173	42.8	5.8	47.3	Chrysotile 4.1	NA
Location: 2nd Fl. - Black Tar On Cork								
18	501-2	501	0.339	36.9	3.8	59.3	NA/PS	NA
Location: 2nd Fl. - Black Tar On Cork								
19	600-1	600	0.176	8.5	82.4	7.3	Anthophyllite <0.25	Chrysotile 1.8
Location: Ext. - Window Glazing Comp.								
20	600-2	600	0.281	6.0	81.5	12.5	Anthophyllite <0.25	NA/PS
Location: Ext. - Window Glazing Comp.								
21	602-1	602	0.214	48.6	32.7	18.7	NAD	NAD
Location: 6th Fl. - Wire Insulation								
22	602-2	602	0.238	45.0	36.6	18.5	NAD	NAD
Location: 6th Fl. - Wire Insulation								
23	603-1	603	0.107	12.1	74.8	11.5	Chrysotile <0.25	Chrysotile 1.6
Location: Boiler Rm. - Interior Window Glaze								
24	603-2	603	0.343	11.7	59.5	28.9	Chrysotile <0.25	NA/PS
Location: Boiler Rm. - Interior Window Glaze								

Analyzed by: Marik Peysakhov; Date Analyzed 6/15/2018

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SCF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____



PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.
 Attn: John Wolf
 712 Main Street
 Suite L1
 Buffalo, NY 14202

Date Received 06/11/18 **AmeriSci Job #** 218062455
Date Examined 06/13/18 **P.O. #**
ELAP # 11480 **Page** 1 of 6
RE: 180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
104B-1 104B Location: 5th Floor - Ceramic Wall Tile Mastic	218062455-01	No	NAD ¹ (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Cream, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 42.8 %			
104B-2 104B Location: 5th Floor - Ceramic Wall Tile Mastic	218062455-02	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Cream, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 45 %			
200-1 200 Location: 6th Floor - 1 x 1 Ceiling Tile	218062455-03	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 13.4 %			
200-2 200 Location: 6th Floor - 1 x 1 Ceiling Tile	218062455-04	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 40.1 %			
200A-1 200A Location: 6th Floor - Ceiling Tile Mastic	218062455-05	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 34.8 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
200A-2 200A	218062455-06 Location: 6th Floor - Ceiling Tile Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4.4 %			
200A-3 200A	218062455-07 Location: 2nd Floor - Ceiling Tile Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.7 %			
200A-4 200A	218062455-08 Location: 2nd Floor - Ceiling Tile Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.3 %			
201-1 201	218062455-09 Location: 5th Floor - 2 x 4 Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 30.1 %			
201-2 201	218062455-10 Location: 5th Floor - 2 x 4 Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 26.4 %			
300-1 300	218062455-11 Location: 6th Floor - 9 x 9 Floor Tile	Yes	7.1 % (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 7.1 % Other Material: Non-fibrous 37.4 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
300-2 300	218062455-12 Location: 6th Floor - 9 x 9 Floor Tile		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300-3 300	218062455-13 Location: 3rd Floor - 9 x 9 Floor Tile		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300-4 300	218062455-14 Location: 3rd Floor - 9 x 9 Floor Tile		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300A-1 300A	218062455-15 Location: 6th Floor - Black Mastic	Yes	3.1 % (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 3.1 % Other Material: Non-fibrous 15.4 %			
300A-2 300A	218062455-16 Location: 6th Floor - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300A-3 300A	218062455-17 Location: 3rd Floor - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
300A-4 300A	218062455-18 Location: 3rd Floor - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300A-5 300A	218062455-19 Location: Basement - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300A-6 300A	218062455-20 Location: Basement - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
301-1 301	218062455-21 Location: 6th Floor - Cove Base Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 52.3 %			
301-2 301	218062455-22 Location: 6th Floor - Cove Base Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 49.2 %			
303-1 303	218062455-23 Location: 5th Floor - 12 x 12 Floor Tile - Beige / Gray	Yes	4.5 % (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Beige/Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.5 % Other Material: Non-fibrous 22.5 %			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
303-2 303	218062455-24 Location: 5th Floor - 12 x 12 Floor Tile - Beige / Gray		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
303-3 303	218062455-25 Location: Basement - 12 x 12 Floor Tile - Beige / Gray		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
303-4 303	218062455-26 Location: Basement - 12 x 12 Floor Tile - Beige / Gray		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
303A-1 303A	218062455-27 Location: 5th Floor - Mastic Of 12 x 12 Floor Tile	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 38 %			
303A-2 303A	218062455-28 Location: 5th Floor - Mastic Of 12 x 12 Floor Tile	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 39.3 %			
304-1 304	218062455-29 Location: 5th Floor - Linoleum - Gold	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 45.2 %			

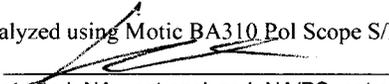
PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

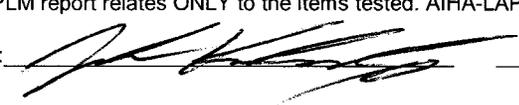
Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
304-2 304 Location: 5th Floor - Linoleum - Gold	218062455-30	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 41.3 %			
305-1 305 Location: 5th Floor - Floor Leveler	218062455-31	No	NAD (by NYS ELAP 198.1) by Kensen Caro on 06/13/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
305-2 305 Location: 5th Floor - Floor Leveler	218062455-32	No	NAD (by NYS ELAP 198.1) by Kensen Caro on 06/13/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

Reporting Notes:

(1) This job was - Analyzed using Motic BA310 Pol Scope S/N 1190000538

Analyzed by: Kensen Caro 

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: 

END OF REPORT

18-0531JD-A

Table I
Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., Niagara Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	104B-1	104B	0.173	49.1	8.1	40.7	NAD	Chrysotile 2.14
	Location: 5th Floor - Ceramic Wall Tile Mastic							
02	104B-2	104B	0.229	45.0	10.0	45.0	NAD	NA/PS
	Location: 5th Floor - Ceramic Wall Tile Mastic							
03	200-1	200	0.254	15.4	71.3	13.4	NAD	NAD
	Location: 6th Floor - 1 x 1 Ceiling Tile							
04	200-2	200	0.277	16.2	43.7	40.1	NAD	NAD
	Location: 6th Floor - 1 x 1 Ceiling Tile							
05	200A-1	200A	0.181	63.0	2.2	34.8	NAD	NA
	Location: 6th Floor - Ceiling Tile Mastic							
06	200A-2	200A	0.091	90.1	5.5	4.4	NAD	NAD
	Location: 6th Floor - Ceiling Tile Mastic							
07	200A-3	200A	0.059	93.2	5.1	1.7	NAD	NAD
	Location: 2nd Floor - Ceiling Tile Mastic							
08	200A-4	200A	0.080	93.8	5.0	1.3	NAD	NAD
	Location: 2nd Floor - Ceiling Tile Mastic							
09	201-1	201	0.472	23.7	46.2	29.9	NAD	Chrysotile <1.0
	Location: 5th Floor - 2 x 4 Ceiling Tile							
10	201-2	201	0.398	13.1	60.6	26.2	NAD	Chrysotile <1.0
	Location: 5th Floor - 2 x 4 Ceiling Tile							
11	300-1	300	0.137	24.8	30.7	37.4	Chrysotile 7.1	NA
	Location: 6th Floor - 9 x 9 Floor Tile							
12	300-2	300	0.259	23.9	31.7	44.4	NA/PS	NA
	Location: 6th Floor - 9 x 9 Floor Tile							
13	300-3	300	0.227	27.8	40.1	32.2	NA/PS	NA
	Location: 3rd Floor - 9 x 9 Floor Tile							
14	300-4	300	0.185	27.0	38.9	34.1	NA/PS	NA
	Location: 3rd Floor - 9 x 9 Floor Tile							
15	300A-1	300A	0.124	71.0	10.5	15.4	Chrysotile 3.1	NA
	Location: 6th Floor - Black Mastic							
16	300A-2	300A	0.125	70.4	10.4	19.2	NA/PS	NA
	Location: 6th Floor - Black Mastic							

Client Name: AMD Environmental Consultants, Inc.

18-0531JD-A

Table I
Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., Niagara Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	300A-3	300A	0.270	22.6	23.0	54.4	NA/PS	NA
	Location: 3rd Floor - Black Mastic							
18	300A-4	300A	0.303	24.1	28.1	47.9	NA/PS	NA
	Location: 3rd Floor - Black Mastic							
19	300A-5	300A	0.069	44.9	37.7	17.4	NA/PS	NA
	Location: Basement - Black Mastic							
20	300A-6	300A	0.063	44.4	39.7	15.9	NA/PS	NA
	Location: Basement - Black Mastic							
21	301-1	301	0.264	37.9	9.8	52.3	NAD	NAD
	Location: 6th Floor - Cove Base Mastic							
22	301-2	301	0.303	39.6	11.2	49.2	NAD	NAD
	Location: 6th Floor - Cove Base Mastic							
23	303-1	303	0.259	22.0	51.0	22.5	Chrysotile 4.5	NA
	Location: 5th Floor - 12 x 12 Floor Tile - Beige / Gray							
24	303-2	303	0.274	23.4	48.9	27.7	NA/PS	NA
	Location: 5th Floor - 12 x 12 Floor Tile - Beige / Gray							
25	303-3	303	0.243	21.8	46.9	31.3	NA/PS	NA
	Location: Basement - 12 x 12 Floor Tile - Beige / Gray							
26	303-4	303	0.216	22.7	44.4	32.9	NA/PS	NA
	Location: Basement - 12 x 12 Floor Tile - Beige / Gray							
27	303A-1	303A	0.142	45.8	16.2	37.8	NAD	Chrysotile <1.0
	Location: 5th Floor - Mastic Of 12 x 12 Floor Tile							
28	303A-2	303A	0.145	49.7	11.0	39.1	NAD	Chrysotile <1.0
	Location: 5th Floor - Mastic Of 12 x 12 Floor Tile							
29	304-1	304	0.312	48.1	6.7	45.2	NAD	NAD
	Location: 5th Floor - Linoleum - Gold							
30	304-2	304	0.218	54.6	4.1	41.3	NAD	NAD
	Location: 5th Floor - Linoleum - Gold							
31	305-1	305	----	----	----	----	NAD	NA
	Location: 5th Floor - Floor Leveler							
32	305-2	305	----	----	----	----	NAD	NA
	Location: 5th Floor - Floor Leveler							

See Reporting notes on last page

Client Name: AMD Environmental Consultants, Inc.

Table I Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., Niagara Falls, NY

18-0531JD-A

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
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35

Analyzed by: Feyza Gungor  ; Date Analyzed 6/14/2018

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: 



AmeriSci New York

117 EAST 30TH ST.
NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.
Attn: John Wolf
712 Main Street
Suite L1
Buffalo, NY 14202

Date Received 06/11/18 **AmeriSci Job #** 218062456
Date Examined 06/12/18 **P.O. #**
ELAP # 11480 **Page** 1 of 8
RE: 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
601-1 601	218062456-01 Location: Ext. - Ext. Window Caulk	Yes	5 % ¹ (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.9 % Other Material: Non-fibrous 30.9 %			
601-2 601	218062456-02 Location: Ext. - Ext. Window Caulk		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
700-1 700	218062456-03 Location: Roof A - Field	Yes	5.7 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.7 % Other Material: Non-fibrous 37.2 %			
700-2 700	218062456-04 Location: Roof A - Field		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
701-1 701	218062456-05 Location: Roof A - Flashing	Yes	7.2 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 7.2 % Other Material: Non-fibrous 35.8 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
701-2 701	218062456-06 Location: Roof A - Flashing		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
702-1 702	218062456-07 Location: Roof A - Repair Tar	Yes	5.5 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.5 % Other Material: Non-fibrous 27.6 %			
702-2 702	218062456-08 Location: Roof A - Repair Tar		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
703-1 703	218062456-09 Location: Roof A - Lightweight Concrete	No	NAD (by NYS ELAP 198.1) by Kensen Caro on 06/12/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
703-2 703	218062456-10 Location: Roof A - Lightweight Concrete	No	NAD (by NYS ELAP 198.1) by Kensen Caro on 06/12/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
704-1 704	218062456-11 Location: Roof B - Field	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
704-2 704 Location: Roof B - Field	218062456-12	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 8.4 %			
705-1 705 Location: Roof B - Silver Paint	218062456-13	Yes	3.7 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Silver, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 3.7 % Other Material: Non-fibrous 21.6 %			
705-2 705 Location: Roof B - Silver Paint	218062456-14		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
706-1 706 Location: Roof B - Flashing	218062456-15	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.7 %			
706-2 706 Location: Roof B - Flashing	218062456-16	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.4 %			
707-1 707 Location: Roof C - Field	218062456-17	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.1 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
707-2 707	218062456-18 Location: Roof C - Field	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 14.4 %			
708-1 708	218062456-19 Location: Roof C - Flashing	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 2.7 %			
708-2 708	218062456-20 Location: Roof C - Flashing	Yes	6 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 6.0 % Other Material: Non-fibrous 45 %			
709-1 709	218062456-21 Location: Roof C - Repair Tar	Yes	5.1 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.1 % Other Material: Non-fibrous 26.9 %			
709-2 709	218062456-22 Location: Roof C - Repair Tar		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
710-1 710	218062456-23 Location: Roof C - Silver Paint	Yes	6.1 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Silver, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 6.1 % Other Material: Non-fibrous 33.8 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
710-2 710	218062456-24 Location: Roof C - Silver Paint		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
711-1 711	218062456-25 Location: Roof D - Field	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 1.1 %			
711-2 711	218062456-26 Location: Roof D - Field	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 22.2 %			
712-1 712	218062456-27 Location: Roof D - Flashing	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.3 %			
712-2 712	218062456-28 Location: Roof D - Flashing	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.8 %			
713-1 713	218062456-29 Location: Roof D - Repair Tar	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 12.8 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
713-2 713 Location: Roof D - Repair Tar	218062456-30	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 13.9 %			
714-1 714 Location: Roof E - Field	218062456-31	Yes	7.3 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 7.3 % Other Material: Non-fibrous 40 %			
714-2 714 Location: Roof E - Field	218062456-32		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
715-1 715 Location: Roof E - Flashing	218062456-33	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 10.4 %			
715-2 715 Location: Roof E - Flashing	218062456-34	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 19.8 %			
716-1 716 Location: Roof E - Repair Tar	218062456-35	Yes	4.8 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.8 % Other Material: Non-fibrous 24.1 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

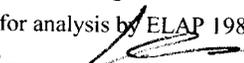
Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
716-2 716	218062456-36 Location: Roof E - Repair Tar		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
717-1 717	218062456-37 Location: Roof E - Silver Paint	Yes	8.3 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Silver, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 8.3 % Other Material: Non-fibrous 41.3 %			
717-2 717	218062456-38 Location: Roof E - Silver Paint		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
601-1 601	218062456-39 Location: Ext. - Window Caulk	Yes	3.5 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 3.5 % Other Material: Non-fibrous 21 %			
601-2 601	218062456-40 Location: Ext. - Window Caulk		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Reporting Notes:

- (1) This job was - Analyzed using Motic BA310 Pol Scope S/N 1190000538
- (2) Sample prepared for analysis by ELAP 198.6 method

Analyzed by: Kensen Caro 

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: _____ END OF REPORT _____

Table I
Summary of Bulk Asbestos Analysis Results
 180531JD-A; 515 6th St., N. Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	601-1	601	0.192	59.4	4.7	30.9	Chrysotile 4.9	NA
	Location: Ext. - Ext. Window Caulk							
02	601-2	601	0.299	28.4	42.8	28.8	NA/PS	NA
	Location: Ext. - Ext. Window Caulk							
03	700-1	700	0.266	51.9	5.3	37.2	Chrysotile 5.7	NA
	Location: Roof A - Field							
04	700-2	700	0.304	77.6	3.3	19.1	NA/PS	NA
	Location: Roof A - Field							
05	701-1	701	0.249	53.4	3.6	35.8	Chrysotile 7.2	NA
	Location: Roof A - Flashing							
06	701-2	701	0.177	52.5	3.4	44.1	NA/PS	NA
	Location: Roof A - Flashing							
07	702-1	702	0.254	61.0	5.9	27.6	Chrysotile 5.5	NA
	Location: Roof A - Repair Tar							
08	702-2	702	0.235	60.9	6.0	33.2	NA/PS	NA
	Location: Roof A - Repair Tar							
09	703-1	703	---	---	---	---	NAD	NA
	Location: Roof A - Lightweight Concrete							
10	703-2	703	---	---	---	---	NAD	NA
	Location: Roof A - Lightweight Concrete							
11	704-1	704	0.278	76.3	19.8	4.0	NAD	NAD
	Location: Roof B - Field							
12	704-2	704	0.191	89.5	2.1	8.4	NAD	NAD
	Location: Roof B - Field							
13	705-1	705	0.288	49.7	25.0	21.6	Chrysotile 3.7	NA
	Location: Roof B - Silver Paint							
14	705-2	705	0.257	47.5	21.4	31.1	NA/PS	NA
	Location: Roof B - Silver Paint							
15	706-1	706	0.188	94.7	2.7	2.7	NAD	NAD
	Location: Roof B - Flashing							
16	706-2	706	0.296	97.3	1.4	1.4	NAD	NAD
	Location: Roof B - Flashing							

18-0531JD-A

Table I
Summary of Bulk Asbestos Analysis Results
 180531JD-A; 515 6th St., N. Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	707-1	707	0.239	96.2	1.7	2.0	NAD	Chrysotile Trace
Location: Roof C - Field								
18	707-2	707	0.277	81.6	4.0	14.3	NAD	Chrysotile Trace
Location: Roof C - Field								
19	708-1	708	0.225	94.2	3.1	2.7	Chrysotile <0.25	NA
Location: Roof C - Flashing								
20	708-2	708	0.292	44.5	4.5	45.0	Chrysotile 6.0	NA
Location: Roof C - Flashing								
21	709-1	709	0.172	64.0	4.1	26.9	Chrysotile 5.1	NA
Location: Roof C - Repair Tar								
22	709-2	709	0.248	64.5	4.0	31.5	NA/PS	NA
Location: Roof C - Repair Tar								
23	710-1	710	0.281	55.9	4.3	33.8	Chrysotile 6.1	NA
Location: Roof C - Silver Paint								
24	710-2	710	0.172	45.9	1.7	52.3	NA/PS	NA
Location: Roof C - Silver Paint								
25	711-1	711	0.190	96.8	2.1	1.0	Chrysotile <0.25	Chrysotile Trace
Location: Roof D - Field								
26	711-2	711	0.536	71.6	6.2	22.1	Chrysotile <0.25	Chrysotile Trace
Location: Roof D - Field								
27	712-1	712	0.271	69.0	27.7	3.2	NAD	Chrysotile Trace
Location: Roof D - Flashing								
28	712-2	712	0.285	69.8	27.4	2.7	NAD	Chrysotile Trace
Location: Roof D - Flashing								
29	713-1	713	0.297	82.5	4.7	12.8	NAD	NAD
Location: Roof D - Repair Tar								
30	713-2	713	0.295	81.7	4.4	13.9	NAD	NAD
Location: Roof D - Repair Tar								
31	714-1	714	0.429	35.9	16.8	40.0	Chrysotile 7.3	NA
Location: Roof E - Field								
32	714-2	714	0.707	31.7	22.6	45.7	NA/PS	NA
Location: Roof E - Field								

Client Name: AMD Environmental Consultants, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., N. Falls, NY

18-0531JD-A

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	715-1	715	0.249	83.1	6.4	10.3	NAD	Chrysotile Trace
Location: Roof E - Flashing								
34	715-2	715	0.373	72.9	7.2	19.7	NAD	Chrysotile Trace
Location: Roof E - Flashing								
35	716-1	716	0.253	65.2	5.9	24.1	Chrysotile 4.8	NA
Location: Roof E - Repair Tar								
36	716-2	716	0.330	67.9	4.5	27.6	NA/PS	NA
Location: Roof E - Repair Tar								
37	717-1	717	0.250	48.0	2.4	41.3	Chrysotile 8.3	NA
Location: Roof E - Silver Paint								
38	717-2	717	0.268	48.1	3.0	48.9	NA/PS	NA
Location: Roof E - Silver Paint								
39	601-1	601	0.233	12.0	63.5	21.0	Chrysotile 3.5	NA
Location: Ext. - Window Caulk								
40	601-2	601	0.239	12.6	69.9	17.6	NA/PS	NA
Location: Ext. - Window Caulk								

Analyzed by:  Manik Peysakhov ; Date Analyzed 6/12/2018

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____



2.1 Analytical Key Terms and Definitions

PLM: Polarized Light Microscopy; type of analysis

TEM: Transmission Electron Microscopy; secondary analysis if applicable

NOB: Non-Friable Organically Bound; materials analyzed by PLM or TEM

NAD: No asbestos detected

NA: Not applicable

PS: Positive Stop

Trace: Less than 1% asbestos (Non ACM)

ACM: Asbestos Containing Material



3.0 Sample Chain(s) of Custody

BULK CHAIN OF CUSTODY

AMERISCI NEW YORK
117 EAST 30TH STREET
NEW YORK, NY 10016
TOLL FREE: (800) 705-5227
PHONE: (212) 679-8600
FAX: (212) 679-9392



WWW.AMERISCI.COM

Relinquished By: [Signature] Date/Time: 6-7-18
 Received By: [Signature] Date/Time: 6/8/18
 Relinquished By: [Signature] Date/Time: _____
 Received By: [Signature] Date/Time: _____

Project: 180531JD-A Project #: 180523 JD-A
 Proj Mgr: _____ Proj State: NY
 Proj Address: 515 6th St N. Falls
 Analysis: PLM; Positive Stop; TEM; NY ELAP PLM/TEM w/ NOB Prep.
 ASTM Dust (Microvac) (Wipe); Qualitative; Other (describe in comments)
 Turnaround Time: 5 Days Material Type: Bulk Dust Water
 Sampled By: Doucette Date Sampled: 6-7-18

Company: **AMD Environmental**
 Street Address: 712 Main Street, Suite L 1
 City: Buffalo State: NY Zip: 14202
 Phone: 716-833-0043 Cell: _____
 Fax Results? Y N Fax #: _____
 Email Results? Y N Email: to all parties listed below
 Results to: jwolf@amdenv.com, anthony@amdenv.com,
 Special Instructions or Comments: _____

admin@amdenv.com, dbatt@amdenv.com, sdunlap@amdenv.com, john.doucette@amdenv.com

Lab ID	Field ID	Location	Sample Description (Dist/Area)	Homogeneous Area
48	100A-1,2,3	Basement	Skim Plaster	
	100A-4,5	3rd Floor	Skim Plaster	
	100A-6,7	4th Floor	Skim Plaster	
	100A-8,7,10	5th Floor	Skim Plaster	
	100A-11,12,17	6th Floor	Skim Plaster	
	100B-1,2,3	Basement	Base Plaster	
	100B-4,5	3rd Floor	Base Plaster	
	100B-6,7	4th Floor	Base Plaster	
	100B-8,9,10	5th Floor	Base Plaster	
	100B-11,12,17	6th Floor	Base Plaster	
	101-1, 2	6th Floor	Drywall	
	101-3	2nd Floor	Drywall	
	101A-1,2	6th Floor	Joint Compound	
	101A-3	2nd Floor	Joint Compound	
	102-1,2	6th Floor	Transite Wall Panel	
	103-1,2	6th Floor	Pyro-Bar - Block	
	104A-1,2	5th Floor	Ceramic Wall Tile Grout	

#278062160

Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*

Date/Time: 6-8-18
 Date/Time: 6/11/18 1104
 Date/Time:
 Date/Time:

BULK CHAIN OF CUSTODY
 AMERISCI NEW YORK
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE: (800) 705-5227
 PHONE: (212) 679-8600
 FAX: (212) 679-9392



WWW.AMERISCI.COM

Project: 180531 JD-A
 Proj Mgr: *[Signature]*
 Proj Address: 515 6th St Niagara Falls
 Proj State: NY
 Analysis: PLM; Positive Stop; NY ELAP PLM/TEM w/ NOB Prep.
 ASTM Dust (Microvac) (Wipe); Qualitative; Other (describe in comments)
 Turnaround Time: 5 Day
 Material Type: Bulk Dust Water
 Sampled By: Doucette
 Date Sampled: 6-7-18

Company: AMD Environmental
 Street Address: 712 Main Street, Suite L 1
 City: Buffalo State: NY Zip: 14202
 Phone: 716-833-0043 Cell:
 Fax Results? Y Fax #:
 Email Results? Y Email: to all parties listed below
 Results to: jwolff@amdenv.com, anthony@amdenv.com,
 Special Instructions or Comments:
 admin@amdenv.com, dbatt@amdenv.com, sdunlap@amdenv.com, john.doucette@amdenv.com

51	104B-1, 2	5th Floor	Ceramic Wall Tile Mastic
	200-1, 2	6th Floor	1x1 Ceiling Tile
	200A-1, 2	6th Floor	Ceiling Tile Mastic
	200A-3, 4	2nd Floor	Ceiling Tile Mastic
	201-1, 2	5th Floor	2x4 Ceiling Tile
	300A		#2 18062455
	300-1, 2	6th Floor	9x9 Floor Tile
	300-3, 4	3rd Floor	9x9 Floor Tile
	300A-1, 2	6th Floor	Black Mastic
	300A-3, 4	3rd Floor	Black Mastic
	300A-5, 6	Basement	Black Mastic
	301-1, 2	6th Floor	Cove Base Mastic
	303-1, 2	5th Floor	12x12 Floor Tile - Beige/Tan
	303-3, 4	Basement	12x12 Floor Tile - Beige/Tan
	303A-1, 2	5th Floor	Mastic of 12x12 Floor Tile
	304-1, 2	5th Floor	Linoleum - Gold
	305-1, 2	5th Floor	Floor Louder

BULK CHAIN OF CUSTODY
 AMERISCI NEW YORK
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE: (800) 705-5227
 PHONE: (212) 679-8600
 FAX: (212) 679-9392



WWW.AMERISCI.COM

Relinquished By: [Signature] Date/Time: 6-8-18
 Received By: [Signature] Date/Time: 6/11/18 110
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Company: **AMD Environmental**
 Street Address: 712 Main Street, Suite L 1
 City: Buffalo State: NY Zip: 14202
 Phone: 716-833-0043 Cell: _____
 Fax Results? Y N Fax #: _____
 Email Results? Y N Email: to all parties listed below
 Results to: jwolf@amdenv.com, anthony@amdenv.com,
 Special Instructions or Comments:
 Project: _____
 Proj Mgr: _____ Proj #: 180531JD-A
 Proj Address: 515 7th St W. Flt Proj State: NY
 Analysis: PLM; Positive Stop; TEM; NY ELAP PLM/TEM w/ NOB Prep.
 ASTM Dust (Microvac) (Wipe); Qualitative; Other (describe in comments)
 Turnaround Time: 5 Days Material Type: Bulk Dust Water
 Sampled By: Doucette Date Sampled: 6-7-18

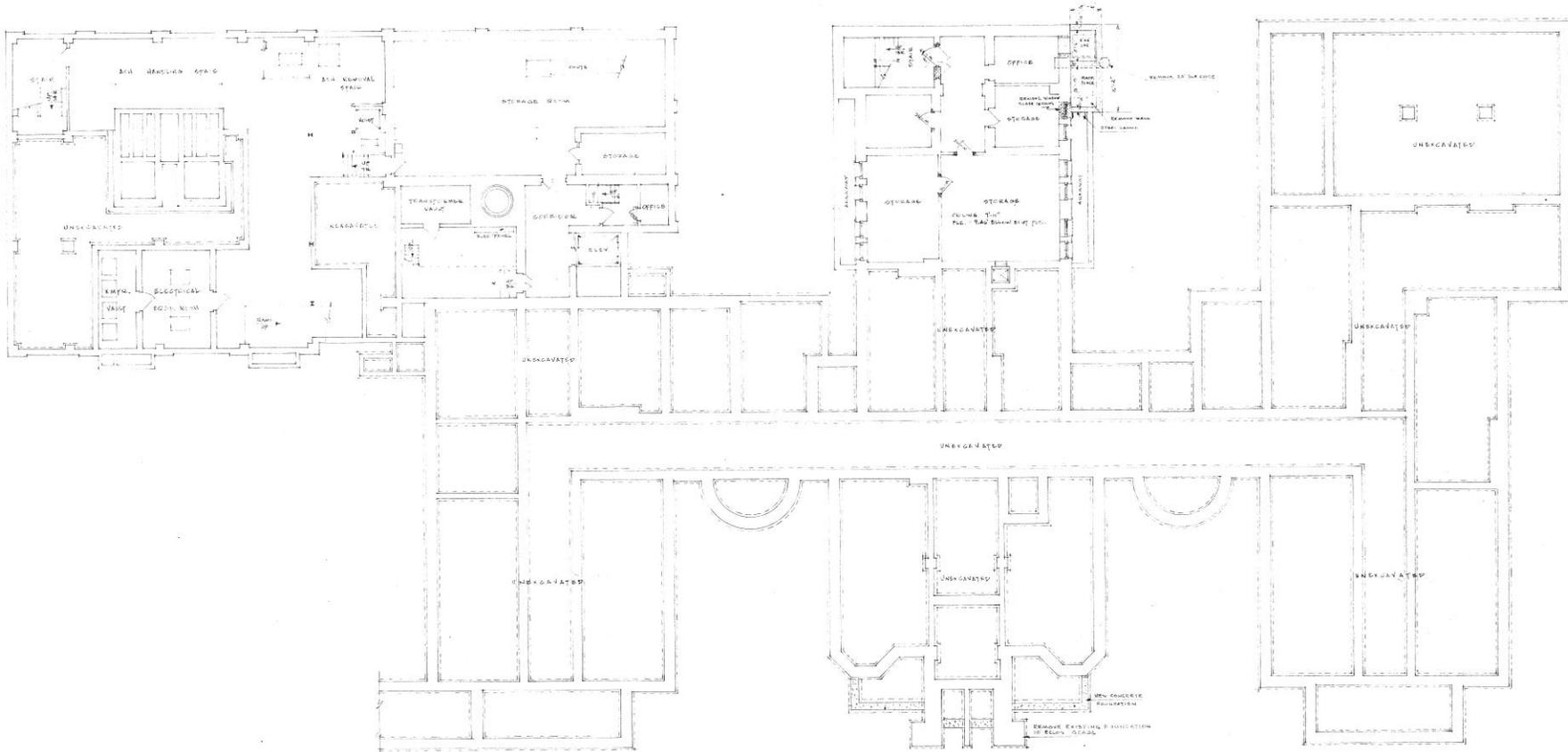
Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
5	601-1,2	Ext	Ext. Window Cracks	
	700-1,2	Roof A	Field	
	701-1,2	Roof A	Flashing	
	702-1,2	Roof A	Repair Tar	
	703-1,2	Roof A	Light Weight Concrete	
	704-1,2	Roof B	Field	
	705-1,2	Roof B	Silver Paint	
	706-1,2	Roof B	Flashing	
	707-1,2	Roof C	Field	
	708-1,2	Roof C	Flashing	
	709-1,2	Roof C	Repair Tar	
	710-1,2	Roof C	Silver Paint	
	711-1,2	Roof D	Field	
	712-1,2	Roof D	Flashing	
	713-1,2	Roof D	Repair Tar	
	714-1,2	Roof E	Field	
	715-1,2	Roof E	Flashing	

admin@amdenv.com, dbatt@amdenv.com, sdunlap@amdenv.com, john.doucette@amdenv.com

NO 218062456



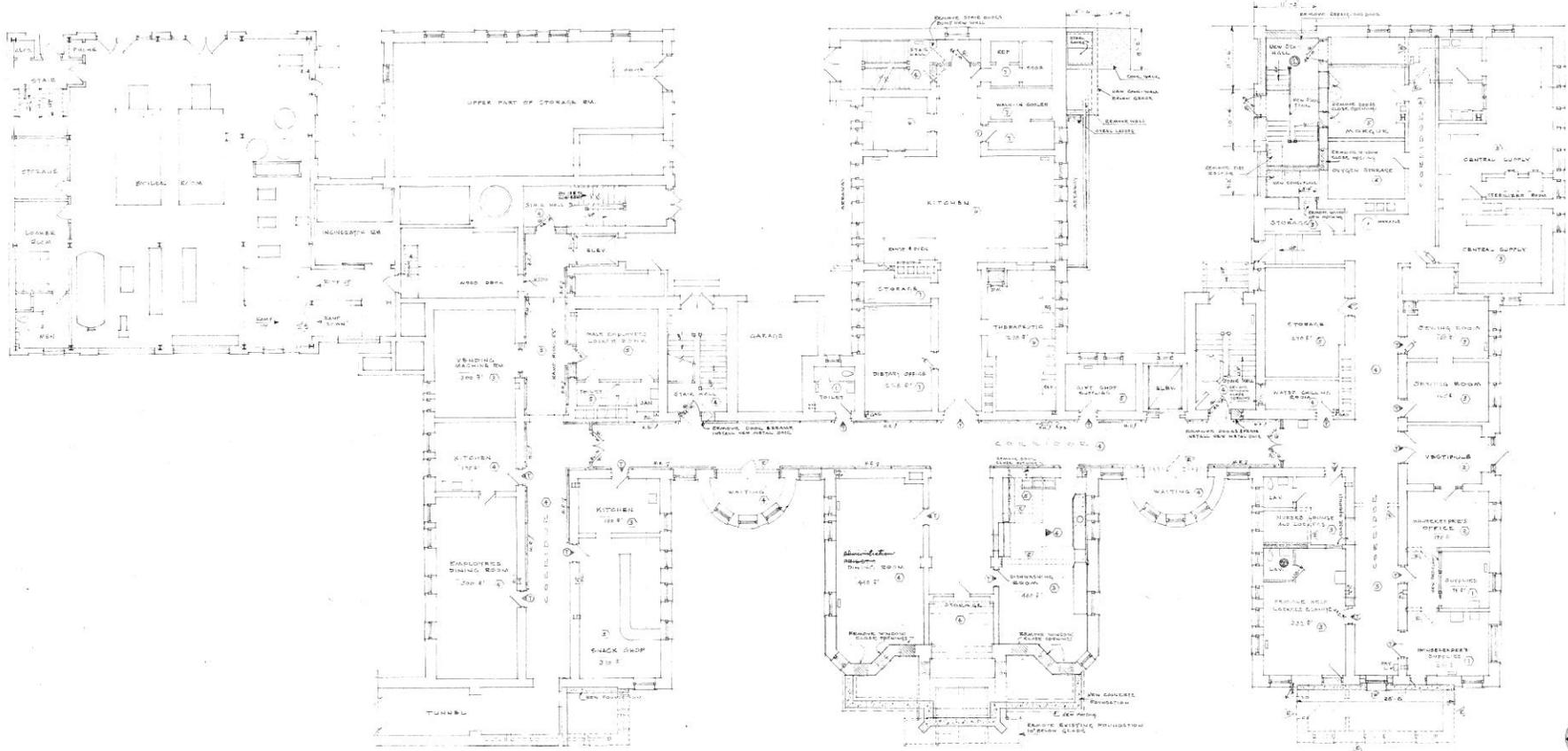
4.0 Site Map(s)



FOUNDATION & SUB-BASEMENT PLAN
SCALE 1/8" = 1'-0"

Foundation and Sub Basement

PRELIMINARY DRAWING	
DRAWING NO. 18-0531JD-A	ST. MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
SCALE 1/8" = 1'-0"	
DATE 12-8-24	
DRAWN BY E.S.	MORTIMER J. MURPHY ARCHITECT 445 RANKIN ST., BUFFALO 2, N.Y.
CHECKED BY	
FOUNDATION & SUB-BASEMENT PLANS	

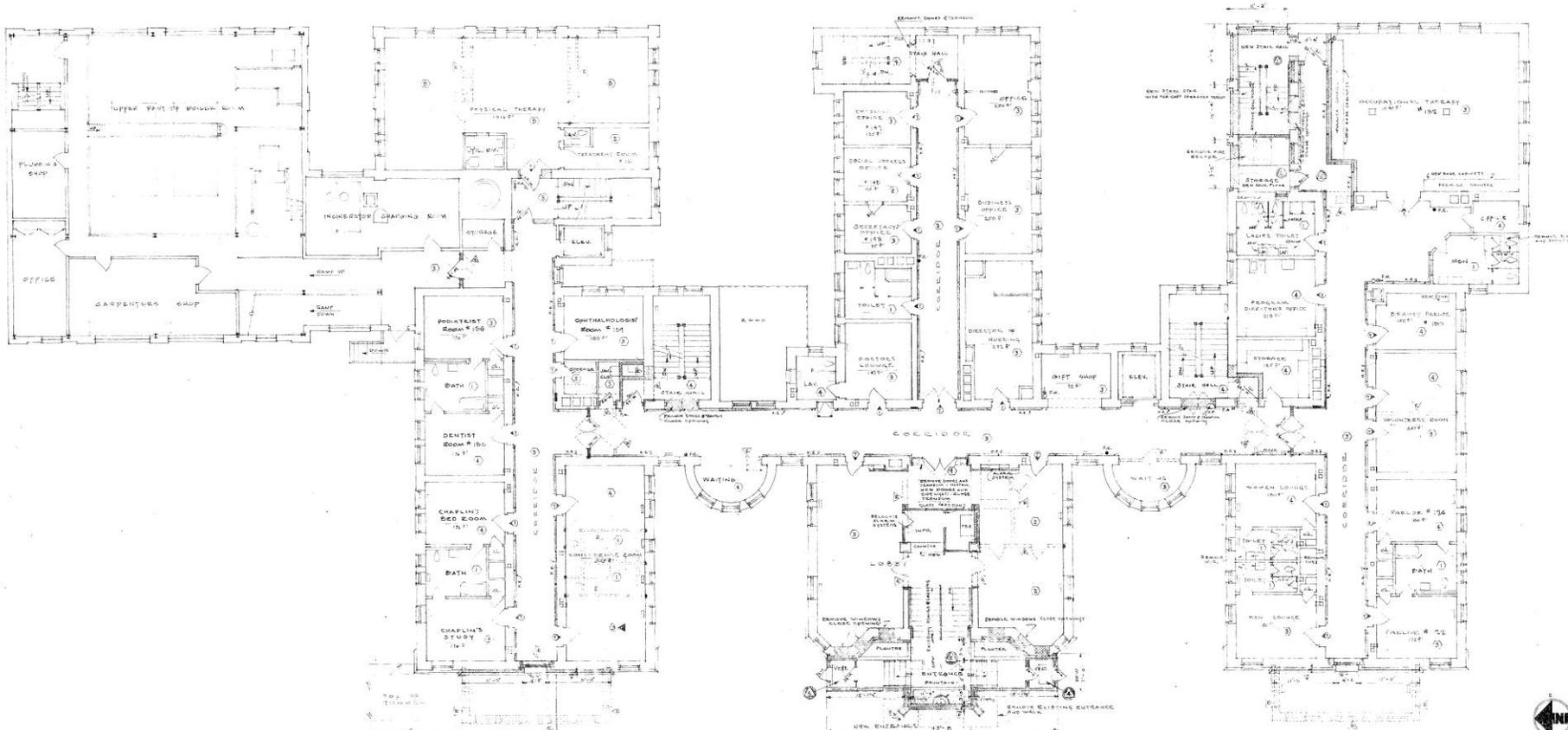


BASEMENT PLAN
SCALE 1/8" = 1'-0"

Basement

TOTAL FLOOR AREA 22,266 sq ft

REVISED JAN. 8, 1967	
PRELIMINARY DRAWING	
DRAWING NO. 201-9	ST. MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
SCALE 1/8" = 1'-0"	
DATE 12-8-64	MORTIMER J. HENRY ARCHITECT 48 RANKIN ST., BUFFALO 2, N.Y.
DRAWN BY S. C.	
CHECKED BY	
BASEMENT PLAN	



FIRST FLOOR PLAN
SCALE 1/8" = 1'-0"

1st Floor

TOTAL FLOOR AREA 12,000 sq. ft.



PRELIMINARY DRAWING	
DRAWING NO. 1001-4 DATE 10-11-57 SHEET 12 OF 14	ST. MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
DRAWN BY S.D. CHECKED BY	MORTIMER J. MURPHY ARCHITECT 46 FRANKLIN ST., BUFFALO 2, N.Y.
FIRST FLOOR PLAN	



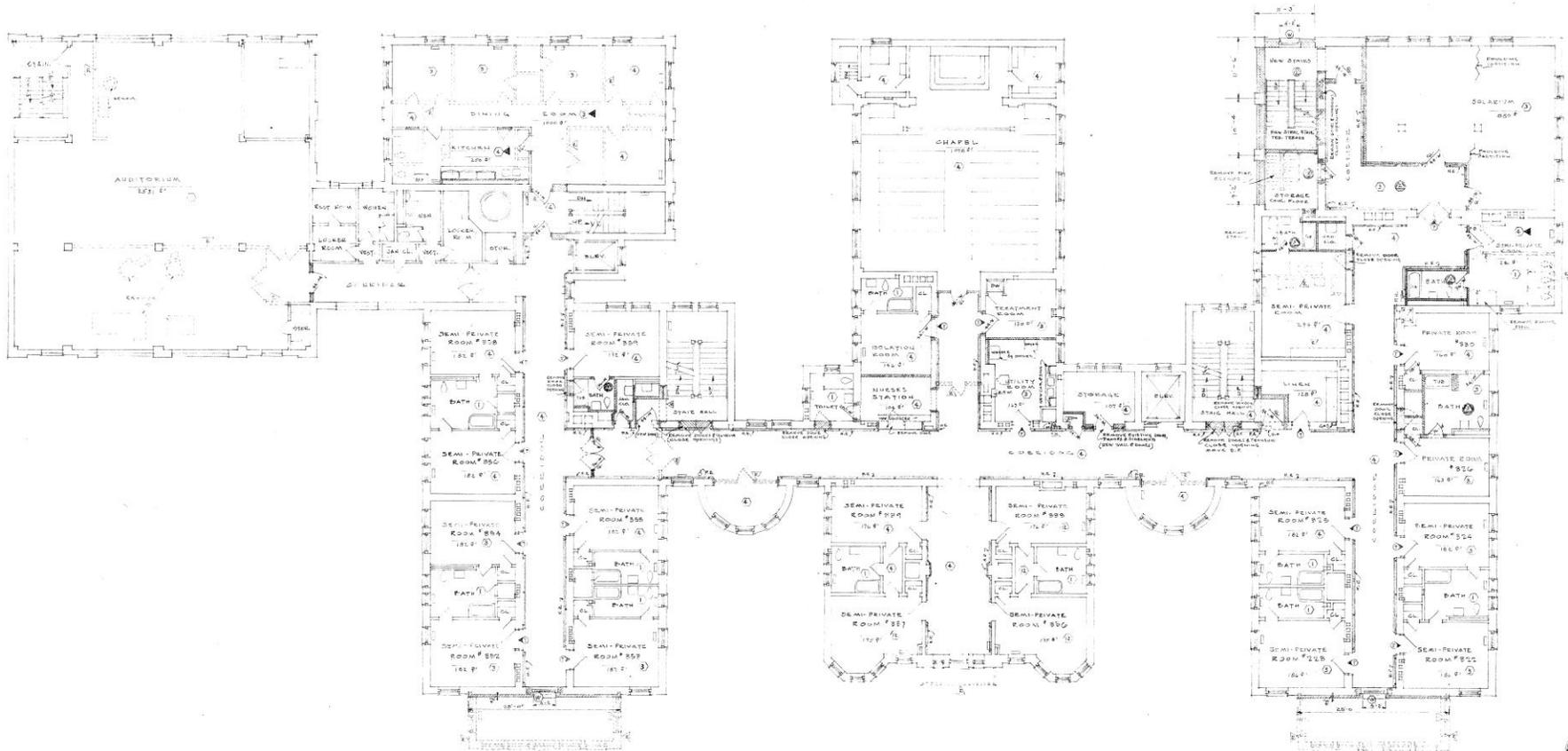
2nd Floor

© - These Bed Rooms

- 10 SEMI-PRIVATE ROOMS - 27 BEDS
 - 5 PRIVATE ROOMS - 2 BEDS
 - 1 ISOLATION ROOM - 2 BEDS
 - 21 ROOMS - 20 BEDS
- TOTAL FLOOR AREA 2,260'

REVISED JULY 1967

PRELIMINARY DRAWING	
DRAWING NO. 18-531-B	ST. MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
SCALE 1/8" = 1'-0" DATE 12-9-64	
DRAWN BY S.D.	MORTIMER J. MURPHY ARCHITECT 445 FRANKLIN ST. BUFFALO 2, N. Y.
CHECKED BY	SECOND FLOOR PLAN



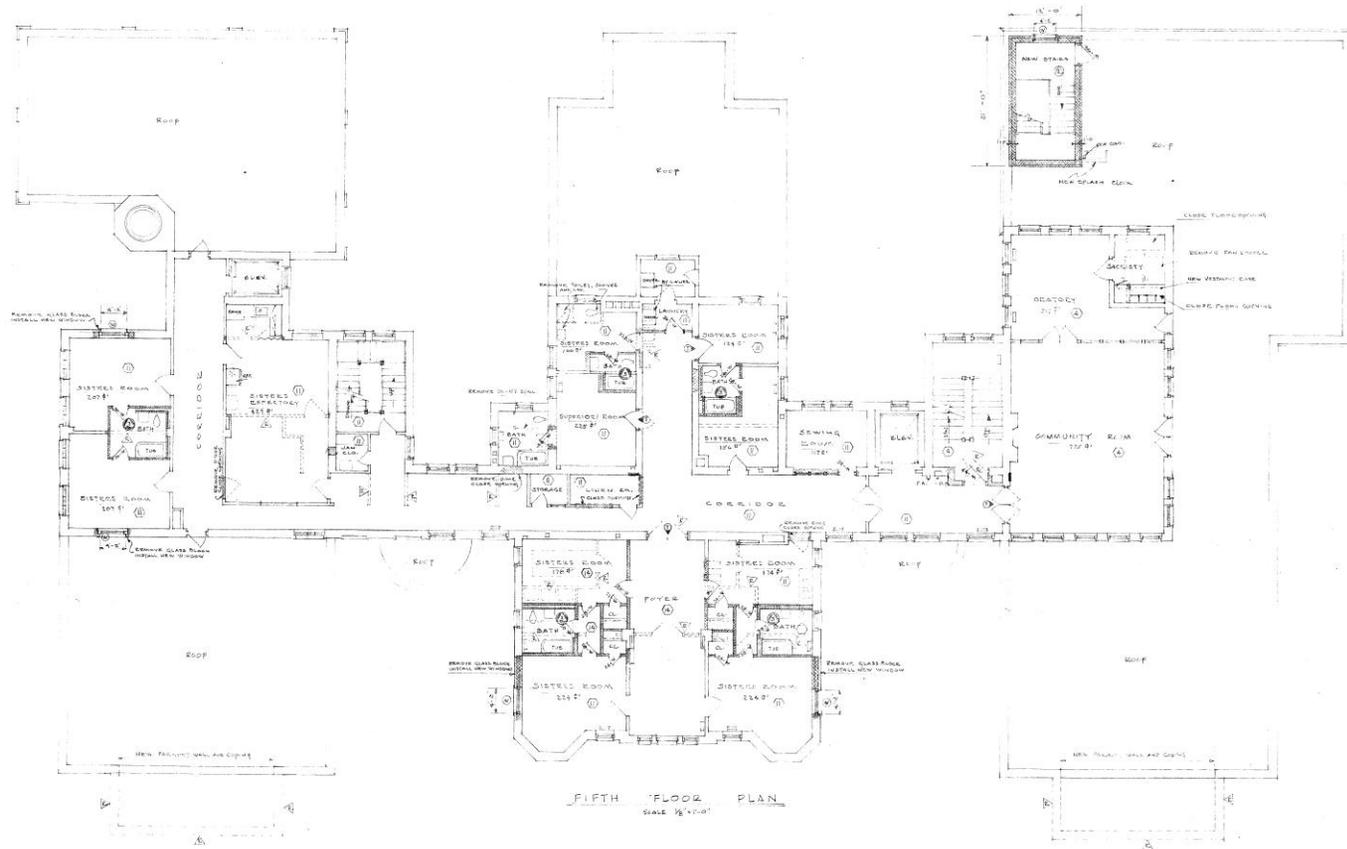
THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

3rd Floor

2 Private Rooms 1
 11 Semi-Private Rooms 26 REOS
 1 Isolation Room 1
 20
 27
 TOTAL FLOOR AREA 51,200^{sq}



REVISIONS: NONE	
PRELIMINARY DRAWING	
DRAWING NO. 509-10	ST. MARY'S MANOR 315 SIXTH STREET NIAGARA FALLS, N.Y.
SCALE 1/8" = 1'-0"	
DATE 5-2-58	MORTIMER J. MURPHY ARCHITECT 445 FRANKLIN ST. BUFFALO, N.Y.
DRAWN BY E.P.	
CHECKED BY	
THIRD FLOOR PLAN	



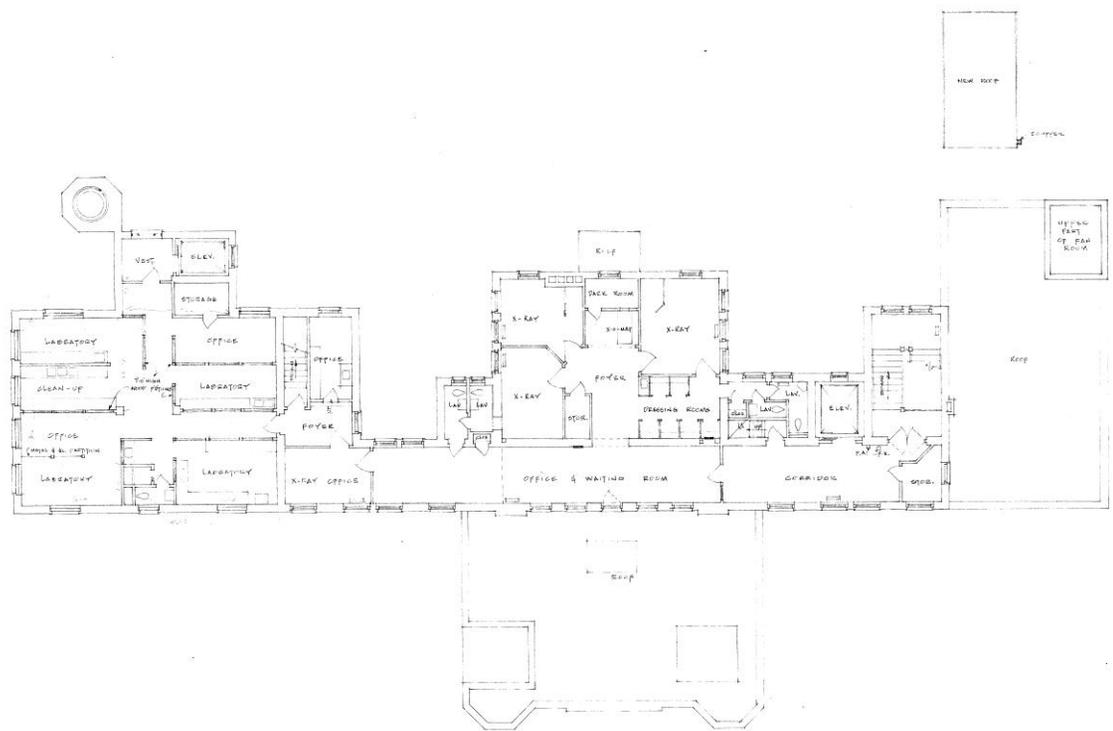
FIFTH FLOOR PLAN
SCALE 1/8"=1'-0"



5th Floor

TOTAL FLOOR AREA 5,082 SF

REVISIONS	
PRELIMINARY DRAWING	
DRAWING NO. 17-81-5	ST. MARY'S MANOR 510 SIXTH STREET NIAGARA FALLS, N.Y.
DATE 12-9-64	
DRAWN BY E.D.	MORTIMER J. MURPHY ARCHITECT 460 BRANFORD ST. - BUFFALO 2, N.Y.
CHECKED BY	
FIFTH FLOOR PLAN	



SIXTH FLOOR PLAN
600 x 10' 0"

6th Floor

NOTE: NO NEW WORK ON THIS FLOOR

PRELIMINARY DRAWING	
DRAWING NO. 1061-1	ST. MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
DATE 12-8-64	
DRAWN BY S. D.	MORTIMER J. MURPHY ARCHITECT 445 FRANKLIN ST. BUFFALO, N.Y.
CHECKED BY	
SIXTH FLOOR PLAN	



KEY
X Roof Locations

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

Appendix I

Site Photographs



AMD
ENVIRONMENTAL



Observation:

Pipe fittings with asbestos containing debris present.



Observation:

Visible asbestos debris scattered throughout bldg.

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

Appendix I

Site Photographs



AMD
ENVIRONMENTAL



Location:
Basement

Observation:
Asbestos Containing Thermal
Systems Insulation.



Location:
Basement

Observation:
Boiler with assumed
asbestos containing material

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

Appendix I

Site Photographs



AMD
ENVIRONMENTAL



Location:
Basement

Observation:
Visible debris scattered
throughout area



Location:
Basement

Observation:
Visible debris scattered
throughout area



AMD
ENVIRONMENTAL

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

Appendix A: Firm Certification and Personnel License(s)



New York State – Department of Labor

Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

AMD Environmental Consultants, Inc.
Suite L1
712 Main Street
Buffalo, NY 14202

FILE NUMBER: 10-56177
LICENSE NUMBER: 56177
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 11/02/2017
EXPIRATION DATE: 11/30/2018

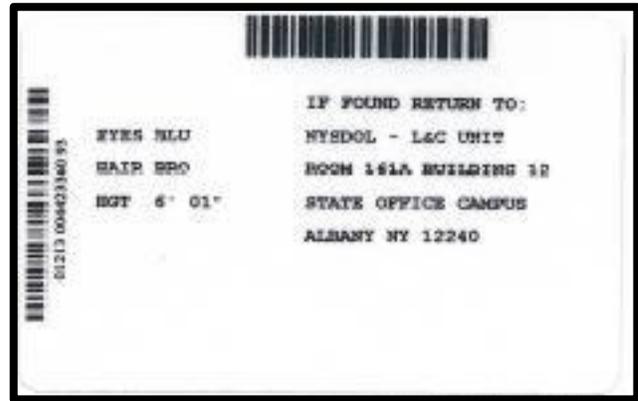
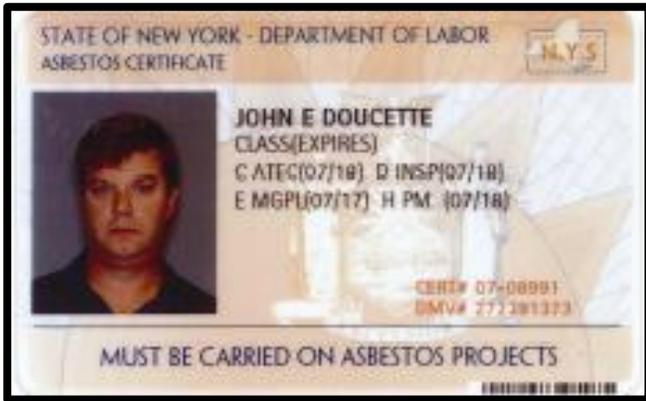
Duly Authorized Representative – Anthony DeMiglio:

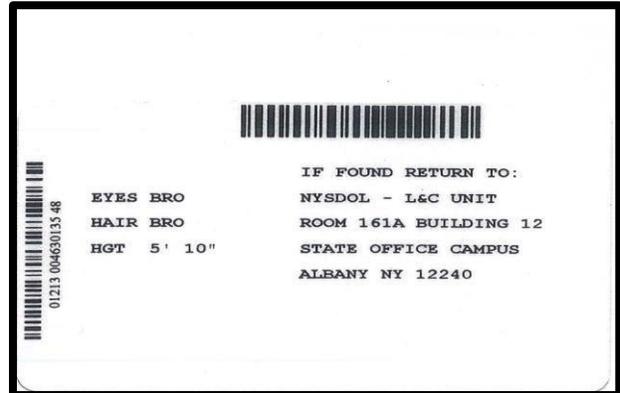
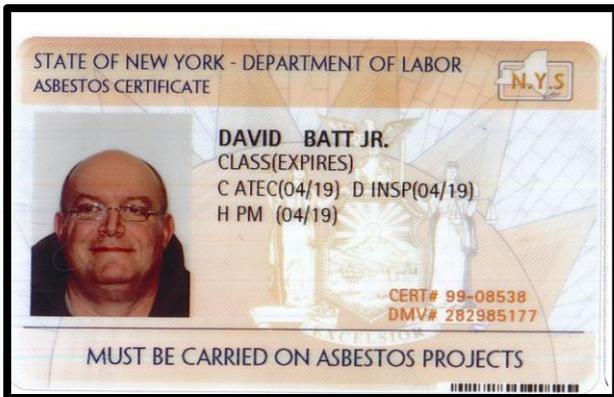
This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko, Director
For the Commissioner of Labor

SH 432 (8/12)







AMD
ENVIRONMENTAL

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

Appendix B: Laboratory Certification



**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. STEPHANIE L. AUSTIN
AMD ENVIRONMENTAL CONSULTANTS, INC
712 MAIN ST. SUITE L1
BUFFALO, NY 14202

NY Lab Id No: 11108

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:*

Miscellaneous

Fibers

NIOSH 7400 A RULES



Serial No.: 57674

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



Petition for an Asbestos Variance

To apply for an asbestos variance, the Project Designer must:

- Complete all of the information on pages one and two of this asbestos variance request. Please type or print.
- Sign and date page two of the certification and all of the attachments.
- Send two copies of the petition and all attachments, with your \$350 fee, to the address at the top of this page.
 - Make your check or money order payable to the Commissioner of Labor.
- Optional: To speed up the process you may include a self-addressed, stamped, express-mail envelope.

1 a. Is this petition related to a safety or health emergency? ___ Yes No

b. If yes, explain: _____

2 a. Name of Petitioner (Property Owner): Metroplis Properties Management, LLC

b. Street Address: 136-20 38th Avenue, Suite 9J

c. City: Flushing d. State: NY e. Zip: 11354

f. Telephone Number: (718) 301 4524 g. Fax Number: () -

h. Petitioner's Federal Employee Identification Number (FEIN) 82-2665452

3 a. Petitioner's Agent (Asbestos Contractor) Firm Name: AMD Environmental Consultants, Inc

b. Street Address: 712 Main St, L1

c. City: Buffalo d. State: NY e. Zip: 14202

f. Telephone Number: (716) 201 - 2772 g. Fax Number: () -

4 a. Asbestos Contractor License No. 56177 b. Name of Firm: AMD Environmental Consultants, Inc

5. Building Description:

a. Affecting premises known as: Mount Saint Mary's

b. These premises are situated on the ___ North, ___ South, East, ___ West side of Street, ___ Ave, ___ Road.

c. County of Erie

d. Street Address: 515 6th St

e. City: Niagara Falls f. State: NY g. Zip: 14203

h. Is building occupied? ___ Yes No

i. Current function of building: Vacant

j. Approximate area (square feet) of building: 122,000 k. Number of stories or height in feet: 4 stories

l. What is within 25 feet of all four sides (North, South, East, West) of building? i.e. sidewalk, alley, land, another building, etc.: North & South; parking lot. East & West: sidewalk/street

6. Order To Comply or Notice of Violation. Attach copy.

a. Issued to: ___ Owner ___ Asbestos Contractor ___ Operator ___ Other

b. Name on Order or Notice: _____ c. Date issued: / /

d. List the Industrial Code Rule (ICR) citations given on the Order to Comply or Notice of Violation: _____

7. If a variance has been granted previously for work closely resembling this project list:

a. Variance number: _____ b. Date variance granted: / /



New York State Department of Labor
 Division of Safety and Health - Engineering Services Unit
 State Office Campus
 Building 12, Room 154
 Albany, NY 12240

Note: Add a separate typed or printed page for each work area and work procedure. Sign and date each page.

8. Work Area Description Table: Attach additional tables and scale drawings of work area and pictures, as needed.

Work Area Designation	Exterior Of Interior	Work/Room Area Dimensions	Type of Asbestos Containing Material (ACM)	Quantity of ACM	Condition of ACM (level of damage)	Friability of ACM (non-friable or friable)	Type of Containment (full, 2-layer tent, single layer tent, open-air, etc.)
		SEE ATTACHED.					

9. ICR 56 Relief Sought: List the individual sections of ICR 56 for which relief is sought, for each work area or method used. Provide sufficient detail in an attachment. SEE ATTACHED.

10. Hardship Decision: What is the hardship, (e.g. Limited room for decons, exhaust ducts must be longer than 25 feet, all surfaces are contaminated and cannot be plasticized) for each work area or method used? Provide sufficient detail in an attachment. Include condemnation letter or EPA Approval letter if applicable. SEE ATTACHED.

11. Proposed Abatement Method Description for each work area or method used: Include scale drawings and pictures as necessary. Lack of sufficient detail will delay issuance of variance decision

a. Will proposed abatement methods render non-friable ACM material friable? _____ Yes _____ No

b. What proposed abatement method, increased engineering controls and detailed procedures will be used to compensate for the relief being sought? (i.e. Increased negative air rate, negative pressure glovebag, negative pressure glovebox, high temperature glovebag, intact component removal, etc.) Include sufficiently detailed procedures to complete the proposed work. _____

SEE ATTACHED.

Project Designer Certification

I request that the Commissioner of Labor issue a variance from the requirements of Industrial Code Rule (ICR) 56. This request is based on the information in this application and the attached documents.

I certify that the information contained in this petition is true and accurate.

I understand that if a variance is granted it may be withdrawn by the Commissioner if:

- Any of the information provided in this petition is found to be inaccurate
- There are violations of Article 30 of the New York State Labor Law or New York State regulations

I give the Commissioner of Labor permission to provide all of my companies records for Unemployment Insurance (UI) reports and contributions to employees of the New York State Department of Labor. This includes information about withholding, wage reporting, UI returns, UI registration, new hires, and all records of UI delinquencies. This information may only be used for government purposes regarding the licensing and certification of this company as required by Article 30 of the New York State Labor Law and the regulations of the New York State Department of Labor, and for monitoring the company's compliance with Article 30 and ICR 56.

12 a. Project designer name (print): Jonathan Wolf b. E-mail: jwolf@amdenv.com
c. Project Design Asbestos Contractor firm name: AMD Environmental
d. Street: 712 Main St.
e. City: Buffalo f. State: NY g. Zip: 14202 h. Phone: (716) 833-0043
i. Designer certificate number: 11-12034 j. Expiration Date: 07/2018
k. Design Firm Asbestos Contractor License Number 56177 l. Expiration Date: 11/2018
13 a. Project designer signature:  b. Date: 06/27/2018

VARIANCE PROPOSAL

515 6th St, Niagara Falls, NY 14301

New York State Department of Labor
Division of Safety and Health
Engineering Services Unit
State Office Building Campus
Albany, New York 12240

June 22, 2018

ATTN: Engineering Services Unit

RE: Variance Proposal
515 6th St
Niagara Falls, New York 14301

Question 9

ICR 56 Relief Sought

The petitioner is requesting relief from the following sections of Code Rule 56;

1. 56-7.10(c) Pre-Cleaning
2. 56-7.11(e) Floor, Wall & Ceiling Plasticizing and Sealing.
3. 56-7.11(a) Critical Barriers
4. 56-8.6(a)(c) Sequential Abatement
5. 56-8.9(c)(2) Additional Containerization:
6. 56-9.2(d)(1) Aggressive Air Sampling (crawl space)

Question 10

Hardship Description

This former City of Niagara Falls Mount Saint Mary's Hospital has been neglected for more than a decade. This economic development project proposes to convert the 1912 era hospital into a hotel. Weather, water damage, and vandalism have taken a toll on the building. Non ACM plaster have fallen throughout the building thus knocking down TSI in its path. Amongst the debris is remnants of the former hospital/nursing home items and failing/damaged plaster.

The entire 122,000 square foot structure has been deemed contaminated by the Asbestos Inspector. The building does not have an elevator making the logistics of debris removal difficult. The purpose of this variance is develop a viable solution to remove contamination and ACM simultaneously.

Therefore, AMD Environmental Consultants, Inc. is requesting relief from portions of ICR56 in order to complete the project. Please review the attached information in Question 11 outlining our proposed modifications of ICR56.

Question 11

Proposed Abatement Method

See attached survey for quantity. In general, most of the building is contaminated with PACM debris due to years of neglect.

All work methods for these projects shall be conducted consistent with ICR56 and as amended in the provisions below;

1. The entire building shall be considered an active asbestos work area until Project Monitor clears areas.
2. A large project personal and waste decon shall be attached to regulated work area consistent with ICR56-7.5(b).
3. The building will be divided into manageable work areas based on the asbestos contractors work plans and equipment available. Determination of work area delineation shall be approved by Project Monitor. When work area delineation is not an existing wall or structure,

VARIANCE PROPOSAL

515 6th St, Niagara Falls, NY 14301

- tent like structures shall be used in lieu of hardwall isolation barrier. Prior to installation of isolation barrier, surfaces shall be wet wiped and/or HEPA vacuum to remove potential ACM debris.
4. Additional waste decontamination systems may installed in various locations throughout to building. These additional waste decons will be installed in virtually inaccessible location. A small personal decon shall be installed at each location to enable worker to decon out of the work area to remove waste from the holding area into aerial lift and/or high reach fork lifts. (see figure "A")
 - The patient rooms that will be used for the additional waste decons will be cleaned, abatement, and cleared prior to installing decon.
 - A single daily air sample shall be installed in the rooms were the addition waste decons are installed.
 5. Contaminated walls, floors, and ceilings are in various stages of disrepair and since the entire structure will be a work area, critical barriers shall be constructed to seal off only exterior walls, windows and doors to the regulated abatement work area including
 6. Contaminated walls, floors, and ceilings are in various stages of disrepair and since the entire structure will be a work area, plasticizing per CR56-7.11(e) shall be omitted.
 7. Due to the state of disrepair and the level contamination throughout the space, clean up of disturbance can not be separated from removal. Clean up and removal will not be individual phases.
 8. Due to the state of disrepair and condition of ACM throughout the structure, sequential abatement as described in CR56-8.6(a)(c) is not practical.
 9. When practical, as determined by the Project Monitor, glovebags will be used to remove intact TSI.
 10. Regulated friable asbestos waste within DOT-specified, non-porous and washable rigid waste containers (e.g. drums or cubic "gaylord" boxes) will be sealed airtight with two layers of 6 mil plastic sheeting. The regulated container will then be taken to the waste decontamination system enclosure and thoroughly cleaned by wet wiping and HEPA vacuuming. One pallet jack will be used on the clean side to allow movement of the large containers through the waste out. The cleaned containers will then be taken from the waste decontamination unit to a tarped, lockable waste trailer using pallet jacks, fork trucks or the like and will be live loaded and removed daily.

CRAWL SPACE

11. One layer of 6-mil fire retardant plastic sheathing shall be used as a drop cloth below the ACM removal locations. The drop cloth may be limited to beneath removal location and the surrounding ten (10) feet.
12. Removals and cleanup shall include all visible ACM/PACM material and debris. A minimum of two inches of soil beneath and the surrounding ten (10) feet of any identified ACM/PACM or debris shall also be removed.
13. The crawl space has limited operational windows/doors to exhaust from. Negative pressure ventilation units can be directed to an unoccupied controllable location within the building. This location shall be accessible for placement of air monitoring equipment as required by applicable sections of CR56. This location shall be adequately sized to accommodate the increase in positive pressure to the area.
14. Banking of negative air ducts terminating inside a building is not allowed. Daily air sampling for the negative air exhausts shall be per exhaust.
15. During Phases IIB and IIC, in addition to requirements or CR56-4.9(c), daily air monitoring within the work area shall be conducted. These samples shall be placed in close proximity to the drop clothes described above. Results of these sample shall be used to make corrective actions to work practice that release elevated fibers as approved by the project monitor.
16. In lieu of post-abatement clearance air sampling, the most recent daily air monitoring within the work area as described above will serve as final air sampling. The results will be used in accordance with CR56-4.11 clearance criteria.
17. After removals and cleanings are complete and twelve (12) hour drying/settling period has elapsed, the Project Monitor shall perform a visual inspection. After passing of final visual

VARIANCE PROPOSAL

515 6th St, Niagara Falls, NY 14301

inspection and acceptable air sampling as described above, the final dismantling of the work area can commence.

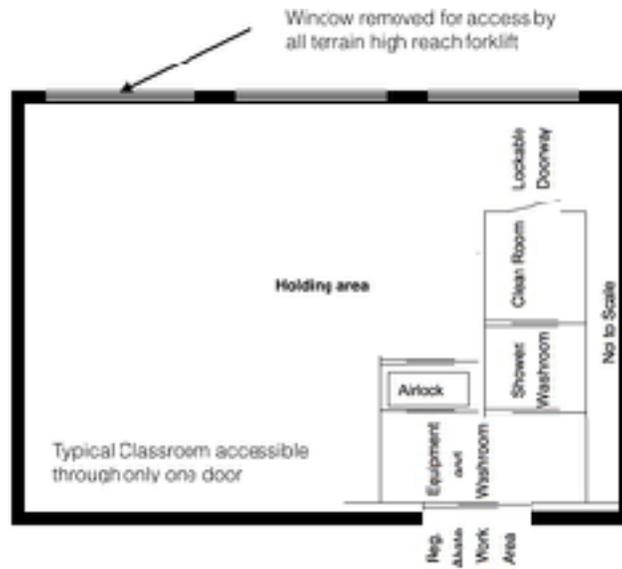
Temporary Heat

18. This project may proceed through the cold Niagara Falls winter. Temporary heat shall be installed to maintain a safe and healthful work environment. Propane heaters shall be installed as necessary to minimize freezing of water to assure material is adequately wetted and some level of climate control is achieved. Carbon Monoxide detectors shall be installed in each work area utilizing temporary heat.

Jonathan Wolf NYSDOL/EPA Certified Project Designer NYSDOL
Certified Project Designer Certification No. 11-12034
AMD Environmental Consultants, Inc,
AH License No. 56177
712 Main St. Suite L1,
Buffalo, New York 14202

VARIANCE PROPOSAL

515 6th St, Niagara Falls, NY 14301



Typical waste decon: Multiple locations throughout building as needed

Figure "A"



VARIANCE PROPOSAL

515 6th St, Niagara Falls, NY 14301



VARIANCE PROPOSAL
515 6th St, Niagara Falls, NY 14301



Pre-Renovation Asbestos Inspection Report

Project Location:

515 6th Street
Niagara Falls, NY 14301

Project ID: 18-0531JD-A

Conditions as of: May 31, 2018

Report Amended: June 26th, 2018

Prepared for:

Brian Frost
Loung Construction
388 Washington Street
Buffalo, New York 14203

Prepared by:



AMD Environmental Consultants, Inc.

712 Main St. Suite L1

Buffalo, NY 14202

OFFICE (716) 833-0043 | FAX (716) 241-8689

www.amdenvironmental.com



AMD Environmental Consultants, Inc.
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Office: 716 833-0043 Fax: 716 241-8689
www.amdenvironmental.com

June 26th, 2018

Brian Frost
Loung Construction
388 Washington Street
Buffalo, NY 14203

**Re: Pre-Renovation Asbestos Inspection Report
515 6th Street
Niagara Falls, NY 14301
AMD Project ID: 18-0531JD-A**

Mr. Frost:

I am pleased to present this summary of asbestos survey services at the above referenced address.

AMD Environmental Consultants conducted a pre-renovation asbestos inspection in areas of planned renovations throughout the building at the above referenced address between May 31st and June 6th, 2018. Asbestos containing materials (ACM) were identified above 1% in materials that were sampled. For more detail refer to the summary on page 4.

New York State asbestos regulations (12 NYCRR 56-5) require that asbestos surveys are conducted in order to determine whether or not the building or structure, or portion(s) thereof to be demolished, renovated, remodeled, contains asbestos containing building materials (ACBM), or presumed asbestos containing materials (PACM). These regulations also require that a copy of the pre-renovation survey be forwarded to the local New York State Department of Labor (NYSDOL) Asbestos Control Bureau immediately upon completion of the survey (Buffalo Office: 65 Court Street, Rm. 405, Buffalo, NY 14202). **If requested to AMD in writing, a copy of the survey will be submitted on your behalf to the NYSDOL, otherwise a copy must be submitted by the owner.**

AMD Environmental Consultants, Inc. surveys are intended to determine, to a reasonable extent, the presence, location, quantity, and condition of accessible asbestos containing materials (surfacing, thermal systems insulation, and miscellaneous materials). The information contained herein is representative of conditions found onsite during the date/time this survey was conducted. Environmental conditions, renovation, vandalism, etc. may alter conditions from the date/time that this survey was conducted, potentially creating new hazards.

Please do not hesitate to contact me if I may provide any additional information.

Sincerely,

Anthony DeMiglio
President

Table of Contents

1.0 Asbestos Inspection

- 1.1 Introduction
- 1.2 Executive Summary
- 1.3 Purpose
- 1.4 Methodology

2.0 Laboratory Analytical Results

- 2.1 Key Terms and Definitions

3.0 Sample Chain(s) of Custody

4.0 Site Map(s)

5.0 Site Photographs

APPENDIX

- Appendix A: Firm Certification and Personnel License(s)
- Appendix B: Laboratory Certification

1.0 Asbestos Inspection

1.1 Introduction

AMD Environmental Consultants, Inc (AMD) was retained by Loung Construction to inspect the building located at 515 6th Street in Niagara Falls, NY for the presence of materials suspected of containing asbestos in areas of planned renovations.

AMD was assigned to:

- Locate suspect asbestos containing materials (ACM),
- Sample these materials to determine asbestos content, and
- Identify the locations and estimated quantities of the confirmed asbestos containing materials.

The information following this introduction details the amount of asbestos present in this facility and the location of the ACBM (asbestos containing building materials). Although the report is a comprehensive analysis of the asbestos inspection work performed, it would be helpful to review all applicable federal, state and local rules, laws and regulations regarding the handling and treatment of ACBM.

The following is a list of suggested reading and information sources relating to asbestos:

- New York State Department of Labor Industrial Code Rule 56
- National Emission Standard for Hazardous Air Pollutants (NESHAPS)
- Occupational Safety and Health Administration
- (OSHA 1926.1101, 1910.134, 1910.1020, 1910.1200, 1910.145, 1910.95, 1926.58)
- Environmental Protection Agency rule CFR763.46 Asbestos Hazard Emergency Response Act



1.2 Executive Summary

The scope of services included the identification of suspect asbestos containing building materials in areas of planned renovations; sampling and analysis of the suspect materials; and identifying the locations, estimated quantities, and condition of the confirmed asbestos containing materials.

Sampling and analysis of the suspect materials under Polarized Light Microscopy (PLM), and where necessary, under Transmission Electron Microscopy (TEM), revealed the following materials as asbestos containing building materials (ACBM):

ASBESTOS CONTAINING MATERIALS SUMMARY

HAN	Material Description	SID (Space Identification Number)	Estimated Quantity SF*	Friability/ Condition
001	Floor Debris	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement – NOTE 3	122,000 sq. ft. Debris On Floors	F/SD
102	Transite Wall Panels	6 th Floor	350 sq.ft.	NF/SD
104B	Ceramic Wall Tile Mastic	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	16,500 sq. ft.	NF/SD
300	9" x 9" Floor Tile – Various Colors	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	Included In HAN 300A	NF/SD
300A	Mastic of 9" x 9" Floor Tile	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	116,000 sq. ft.	NF/SD
303	12" x 12" Floor Tile – Beige/Grey	2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, Basement	21,000 sq. ft.	NF/SD
400	Thermal Systems Insulation – Aircell, Duplex and Mag Pipe Insulation	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement – NOTE 2	7, 500 linear feet	F/SD
401	Pipe Fittings	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement – NOTES 1&2	Included In HAN 400	F/SD
403	Mag Pipe Insulation	2 nd Floor – NOTE 2	500 linear feet	F/SD
500	Duct Insulation	2 nd Floor, 6 th Floor	600 sq. ft.	F/SD
501	Black Tar on Cork	2 nd Floor	250 sq. ft.	NF/SD
502	Boiler Breeching	Basement – NOTE 1	2,000 sq. ft.	F/SD
503	Hot Water Tank Insulation	Basement – NOTE 1	800 sq. ft.	F/SD



ASBESTOS CONTAINING MATERIALS SUMMARY (continued)

HAN	Material Description	SID (Space Identification Number)	Estimated Quantity SF*	Friability/ Condition
504	Internal Boiler Components	Basement – NOTE 1	Unable to Quantify	F/SD
505	Flange Gasket	Basement – NOTE 1	Included In HAN 400	F/SD
600	Window Glaze	Exterior	245 sq. ft.	NF/SD
601	Window Caulk	Exterior	486 sq. ft.	NF/SD
603	Window Glaze – Interior	Boiler Room	150 sq. ft.	NF/D
604	Elevator Brake Shoes	Elevator Penthouses – NOTE 1	25 sq. ft.	NF/D
700	Roofing – Field	Roof A	2,200 sq. ft.	NF/I
701	Roofing – Flashing	Roof A – NOTE 1	Included In HAN 700	NF/I
702	Roofing – Repair Tar	Roof A – NOTE 1	Included In HAN 700	NF/I
704	Roofing – Field	Roof B – NOTE 1	Included In HAN 705	NF/I
705	Roofing – Silver Paint	Roof B	1,100 sq. ft.	NF/D
706	Roofing – Flashing	Roof B – NOTE 1	Included In HAN 705	NF/I
707	Roofing – Field	Roof C – NOTE 1	Included In HAN 710	NF/I
708	Roofing – Flashing	Roof C – NOTE 1	Included In HAN 710	NF/I
709	Roofing – Repair Tar	Roof C – NOTE 1	Included In HAN 710	NF/I
710	Roofing – Silver Paint	Roof C	1,000 sq. ft.	NF/D
714	Roofing – Field	Roof E	1,800 sq. ft.	NF/I
715	Roofing – Flashing	Roof E – NOTE 1	Included In HAN 714	NF/I
716	Roofing – Repair Tar	Roof E – NOTE 1	Included In HAN 714	NF/I
717	Roofing – Silver Paint	Roof E – NOTE 1	Included In HAN 714	NF/D
718	Roofing – All 6 th Floor Roof Levels	Roof F – NOTE1	8,000 sq. ft.	NF/I

*Quantities are approximate, and are only associated with areas of planned renovation. Additional asbestos containing materials may be located outside areas of planned renovation that were not surveyed, assessed or quantified during this inspection.



INSPECTION NOTES:

NOTE 1 - Materials were assumed to contain asbestos based on AMD Environmental's experience or because they were adhered or adjacent to an asbestos containing material and removal would result in the disturbing of the asbestos containing material.

NOTE 2 - Quantities indicated in this report reflect only the readily accessible or visible material. Several crawlspaces and/or plenums were observed at time of inspection. However, due to limited access and safety concerns, these spaces were not entered.

NOTE 3 – Due to years of neglect and acts of vandalism, debris consisting of plaster, drywall, glass, glazing, pipe insulation, remnants of occupation belongings, etc. has accumulated on all floors. Since it is impossible to determine if asbestos content is present in debris, it is assumed that it may exist. Therefore, all debris on all floors must be managed as ACM.

NOTE4- Due to the presence of asbestos containing debris greater than 10 sq. ft., a NYS Dept. of Labor approved variance will be required to properly remove and clean the aforementioned asbestos debris from the property. It is required that all asbestos debris be removed by a certified asbestos abatement contractor. Access shall be limited to NYS licensed asbestos contractors only.

KEY TERMS AND DEFINITIONS:

HAN= Homogenous Area Number; number assigned to categorize materials of like composition, texture and appearance

SID=Space Identification Number: Sample Locations

Friability/Condition:

F= Friable: a material that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure, or is capable of being released into the air by hand pressure.

NF= Non Friable: a material that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure, or is incapable of being released into the air by hand pressure.

I= Intact: Asbestos material that has not crumbled, been pulverized, or otherwise been damaged or disturbed, and the material's matrix has not noticeably deteriorated.

D= Damaged: Asbestos material that has deteriorated or sustained physical injury demonstrated by separation of the ACM into layers, separation of the ACM from the substrate, flaking, blistering, crumbling, water damage, scrapes, gouges, or other signs of physical injury.

SD=Significantly Damaged: Damaged asbestos where the damage is extensive and severe.

ACM=Asbestos Containing Material: material analyzed and confirmed by laboratory to contain above 1% of asbestos

PACM= Presumed Asbestos Containing Material: this material was assumed to contain asbestos to either save the client on lab fees or because the material was adhered to another asbestos containing material (or adjacent to other materials needing abatement) and must be managed as such



1.3 Purpose

The purpose of the asbestos inspection was to identify and quantify the types of asbestos containing building materials (ACBM) in the building. Samples of the suspect materials were collected for analysis by an independent laboratory, and the condition of each material noted in relation to its potential to be disturbed. The potential for fiber release was also considered.

The report is generated for the exclusive use of Loung Construction and its representatives or agents, and is not designed to serve as a specification for abatement. Before requesting bids for abatement of materials identified in this report, the owner is strongly encouraged to contract with a consultant to provide this valuable service. A specification assures that all contractors are bidding on the same methodology and following the specific requirements for the work to be performed.

The inspection was conducted by NYS DOL Certified Asbestos Inspectors John Doucette, David Batt, David Lang and Stephen Maghran between May 31st and June 6th, 2018 and revealed the following suspect asbestos containing building materials:

HOMOGENOUS MATERIALS & SAMPLE RESULTS

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/Condition
001	Floor Debris	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	See Note 3	YES	122,000 sq. ft. Debris On Floors	F/SD
100A	Skim Coat Plaster	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	100A-1, 100A-2, 100A-3, 100A-4, 100A-5, 100A-6, 100A-7, 100A-8, 100A-9, 100A-10, 100A-11, 100A-12, 100A-13	No	N/A	F/SD
100B	Base Coat Plaster	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	100B-1, 100B-2, 100B-3, 100B-4, 100B-5, 100B-6, 100B-7, 100B-8, 110B-9, 100B-10, 100B-11, 100B-12, 100B-13	No	N/A	F/SD
101	Drywall	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor	101-1, 101-2, 101-3	No	N/A	F/SD
101A	White Joint Compound	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor	101A-1, 101A-2, 101A-3	No	N/A	F/SD
102	Transite Wall Panels	6 th Floor	102-1, 102-2	Yes	350 sq. ft.	NF/SD
103	Pyro Bar- Block	6 th Floor	103-1, 103-2	No	N/A	F/SD



HOMOGENOUS MATERIALS & SAMPLE RESULTS (Continued)

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/Condition
104A	Ceramic Wall Tile Grout	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor	104A-1, 104A-2	No	N/A	F/D
104B	Ceramic Wall Tile Mastic	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor	104B-1, 104B-2	No	N/A	F/SD
200	1' x 1' Ceiling Tile – Fissure Pattern	2 nd Floor, 6 th Floor	200-1, 200-2	No	N/A	F/SD
200A	Mastic of 1' x 1' Ceiling Tile	2 nd Floor, 6 th Floor	200A-1, 200A-2	No	N/A	NF/SD
201	2' x 4' Ceiling Tile	1 st Floor, 2 nd Floor, 3 rd Floor, 5 th Floor	201-1, 201-2	No	N/A	NF/D
300	9" x 9" Floor Tile – Various Colors	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor, Basement and Sub-Basement	300-1, 300-2	Yes	116,000 sq. ft.	NF/SD
300A	Mastic of 9" x 9" Floor Tile	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor, Basement and Sub-Basement	300A-1, 300A-2	Yes	116,000 sq. ft.	NF/D
301	Cove Base Mastic	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	301-1, 301-2	No	N/A	NF/SD
302	Carpet Mastic	1 st Floor, 5 th Floor	302-1, 302-2	No	N/A	NF/SD
303	12" x 12" Floor Tile – Beige/Grey	2nd Floor, 3rd Floor, 4th Floor, 5th Floor, Basement	303-1, 303-2	Yes	21, 000 sq. ft.	NF/SD
303A	Yellow Mastic of 12" x 12" Floor Tile	2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, Basement	303A-1, 303A-2	No	N/A	NF/D
304	Linoleum – Gold	3 rd Floor, 4 th Floor, 5 th Floor	304-1, 304-2	No	N/A	NF/D
305	Floor Leveler	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor	305-1, 305-2	No	N/A	NF/D
400	Thermal Systems Insulation – Aircell, Duplex and Mag Pipe Insulation	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor, Basement and Sub-Basement	400-1, 400-2	Yes Note 2	7, 500 linear feet	F/SD
401	Pipe Fittings	1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor, 6th Floor, Basement and Sub-Basement	401-1, 401-2	Yes Note 1 & 2	N/A	F/SD



HOMOGENOUS MATERIALS & SAMPLE RESULTS (Continued)

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/Condition
402	Canvas Jacket of Fiberglass Pipe w/ Tar Coating	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	402-1, 402-2	No	N/A	F/SD
403	Mag Pipe Insulation	2 nd Floor	403-1, 403-2	Yes	500 linear feet	F/SD
500	Duct Insulation	2 nd Floor, 6 th Floor	500-1, 500-2	Yes	600 sq. ft.	F/SD
501	Black Tar on Cork	2 nd Floor	501-1, 501-2	Yes	250 sq. ft.	F/SD
502	Boiler Breeching	Basement	Samples Not Submitted	Yes Note 1	2,000 sq. ft.	F/SD
503	Hot Water Tank Insulation	Basement	Samples Not Submitted	Yes Note 1	800 sq. ft.	F/SD
504	Internal Boiler Components	Basement	Samples Not Submitted	Yes Note 1	Unable to Quantify	F/SD
505	Flange Gasket	Basement	Samples Not Submitted	Yes Note 1	Included with HAN 400	F/SD
600	Window Glaze	Exterior	600-1, 600-2	Yes	486 sq. ft.	NF/SD
601	Window Caulk	Exterior	601-1, 601-2	Yes	486 sq. ft.	NF/SD
602	Wire Insulation	1 st Floor, 2 nd Floor, 3 rd Floor, 4 th Floor, 5 th Floor, 6 th Floor, Basement and Sub-Basement	602-1, 602-2	No	N/A	NF/D
603	Window Glaze – Interior	Boiler Room	603-1, 603-2	Yes	50 sq. ft.	NF/D
604	Elevator Brake Shoes	Elevator Penthouses	Samples Not Submitted	Yes Note 1	25 sq. ft.	NF/D
700	Roofing – Field	Roof A	700-1, 700-2	Yes	2,200 sq. ft.	NF/I
701	Roofing – Flashing	Roof A	701-1, 701-2	Yes Note 1	Included In HAN 700	NF/I
702	Roofing – Repair Tar	Roof A	702-1, 702-2	Yes Note 1	Included In HAN 700	NF/I
703	Roofing – Lightweight Concrete	Roof A	703-1, 703-2	No	N/A	NF/I
704	Roofing – Field	Roof B	704-1, 704-2	Yes Note 1	Included In HAN 705	NF/I
705	Roofing – Silver Paint	Roof B	705-1, 705-2	Yes	1,200 sq. ft.	NF/D
706	Roofing – Flashing	Roof B	706-1, 706-2	Yes Note 1	Included In HAN 705	NF/I
707	Roofing – Field	Roof C	707-1, 707-2	Yes Note 1	Included In 710	NF/I
708	Roofing – Flashing	Roof C	708-1, 708-2	Yes Note 1	Included In 710	NF/I



HOMOGENOUS MATERIALS & SAMPLE RESULTS (Continued)

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/Condition
709	Roofing – Repair Tar	Roof C	709-1, 709-2	Yes Note 1	Included In HAN 710	NF/I
710	Roofing – Silver Paint	Roof C	710-1, 701-2	Yes	1,150 sq. ft.	NF/I
711	Roofing – Field	Roof D	711-1, 711-2	No	N/A	NF/I
712	Roofing – Flashing	Roof D	712-1, 712-2	No	N/A	NF/I
713	Roofing – Repair Tar	Roof D	713-1, 713-2	No	N/A	NF/I
714	Roofing – Field	Roof E	714-1, 714-2	Yes	1,900 sq. ft.	NF/I
715	Roofing – Flashing	Roof E	715-1, 715-2	Yes Note 1	Included In HAN 714	NF/I
716	Roofing – Repair Tar	Roof E	716-1, 716-2	Yes Note 1	Included In HAN 714	NF/I
717	Roofing – Silver Paint	Roof E	717-1, 717-2	Yes Note 1	Included In HAN 714	NF/I
718	Roofing – All 6 th Floor Roof Levels	Roof F	Samples Not Submitted	Yes Note 1	8,000 sq. ft.	NF/I

*Quantities are approximate, and are only associated with areas of planned renovation. Additional asbestos containing materials may be located outside areas of planned renovation that were not surveyed, assessed or quantified during this inspection.

The above listed table provides a list of the materials that were sampled and tested for asbestos by Polarized Light Microscopy (PLM) and or Transmission Electron Microscopy (TEM), as applicable. Any sample determined to be a non-friable organically bound material (NOB), and which was found to be negative by Polarized Light Microscopy (PLM) analysis, was then analyzed by Transmission Electron Microscopy (TEM) analysis at American Science Team New York Inc. (AmeriSci) in New York, New York. AmeriSci is an ELAP Certified laboratory (ID: 11480) and conducts analysis according to EPA Method 198.1, 198.4 and 198.6. See Section 2.0 for the laboratory's analytical results.

INSPECTION NOTES:

NOTE 1 - Materials were assumed to contain asbestos based on AMD Environmental's experience or because they were adhered or adjacent to an asbestos containing material and removal would result in the disturbing of the asbestos containing material.

NOTE 2 - Quantities indicated in this report reflect only the readily accessible or visible material. Several crawlspaces and/or plenums were observed at time of inspection. However, due to limited access and safety concerns, these spaces were not entered.

NOTE 3 - Due to years of neglect and acts of vandalism, debris consisting of plaster, drywall, glass, glazing, pipe insulation, remnants of occupation belongings, etc. has accumulated on all floors. Since it is impossible to determine if asbestos content is present in debris, it is assumed that it may exist. Therefore, all debris on all floors must be managed as ACM.

NOTE4- Due to the presence of asbestos containing debris greater than 10 sq. ft., a NYS Dept. of Labor approved variance will be required to properly remove and clean the aforementioned asbestos debris from the property. It is required that all asbestos debris be removed by a certified asbestos abatement contractor. Access shall be limited to NYS licensed asbestos contractors only.

1.4 Methodology

All work performed by AMD Environmental Consultants, Inc. was conducted in accordance with applicable regulations, including New York State Department of Labor standards 12NYCRR Part 56, National Emission Standards for Hazardous Air Pollutants (NESHAPS), and Occupational Safety and Health Administration regulations 29CFR1910.1101 and 29CFR1910.134. All AMD personnel assigned to conduct inspections have completed the Environmental Protection Agency (EPA) required training and New York State Department of Labor Division of Safety and Health certification program.

Each suspect asbestos containing building material (ACBM) was assigned a homogenous area number (HAN). Homogeneous areas consist of materials of like composition, texture and appearance.

Based on the homogeneous areas, samples of suspect materials were collected. Techniques used for sample collection were designed to minimize damage to suspected areas, reduce any potential for fiber release, and ensure the safety of the inspector and building occupants. Samples were collected by AMD personnel using the following procedures:

1. The surface to be sampled was sprayed with amended water (detergent and water) as necessary
2. A plastic sample bag was held to the surface sampled
3. The sample was collected using tools appropriate to the friability of the material sampled
4. Sample bags were labeled with a unique sample identification number
5. Samples were recorded on a Chain of Custody form, and submitted under strict chain-of-custody procedures to American Science Team New York Inc. (AmeriSci) in New York, New York. AmeriSci is an ELAP and NYSDOH approved, certified laboratory for PLM and TEM analysis (ELAP ID: 11480).

Samples were first analyzed using PLM, Polarized Light Microscopy in accordance with US Environmental Protection Agency Interim Method, 40CFRpt763, Supt F, App A(7-1-87). For the sample results not considered definitive, additional analysis was performed under Transmission Electron Microscopy (TEM) in accordance with NYSDOH ELAP Item 198.4, for Non-friable Organically Bound Bulk Material (NOB). The results of these analyses confirmed whether or not a suspect materials actually contained asbestos. All materials sampled are summarized in Section 1.3 of this report; the presumed asbestos containing materials and materials containing asbestos above 1.0% are listed in Section 1.2.



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2.0 Laboratory Analytical Results



PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.	Date Received 06/08/18	AmeriSci Job # 218062160
Attn: John Wolf	Date Examined 06/12/18	P.O. #
712 Main Street	ELAP # 11480	Page 1 of 7
Suite L1	RE: 180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY	
Buffalo, NY 14202		

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100A-1 Location: Basement - Skim Plaster	218062160-01	No	NAD ¹ (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100A-2 Location: Basement - Skim Plaster	218062160-02	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100A-3 Location: Basement - Skim Plaster	218062160-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100A-4 Location: 3rd Floor - Skim Plaster	218062160-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100A-5 Location: 3rd Floor - Skim Plaster	218062160-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100A-6 Location: 4th Floor - Skim Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	218062160-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
100A-7 Location: 4th Floor - Skim Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	218062160-07	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
100A-8 Location: 5th Floor - Skim Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	218062160-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
100A-9 Location: 5th Floor - Skim Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	218062160-09	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
100A-10 Location: 5th Floor - Skim Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	218062160-10	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
100A-11 Location: 6th Floor - Skim Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	218062160-11	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100A-12 Location: 6th Floor - Skim Plaster	218062160-12	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100A-13 Location: 6th Floor - Skim Plaster	218062160-13	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
100B-1 Location: Basement - Base Plaster	218062160-14	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Non-fibrous 100 %			
100B-2 Location: Basement - Base Plaster	218062160-15	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-3 Location: Basement - Base Plaster	218062160-16	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-4 Location: 3rd Floor - Base Plaster	218062160-17	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Non-fibrous 100 %			

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100B-5 Location: 3rd Floor - Base Plaster	218062160-18	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-6 Location: 4th Floor - Base Plaster	218062160-19	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Non-fibrous 100 %			
100B-7 Location: 4th Floor - Base Plaster	218062160-20	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-8 Location: 5th Floor - Base Plaster	218062160-21	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-9 Location: 5th Floor - Base Plaster	218062160-22	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-10 Location: 5th Floor - Base Plaster	218062160-23	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Non-fibrous 100 %			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
100B-11 Location: 6th Floor - Base Plaster	218062160-24	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-12 Location: 6th Floor - Base Plaster	218062160-25	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
100B-13 Location: 6th Floor - Base Plaster	218062160-26	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Animal hair Trace, Cellulose Trace, Non-fibrous 100 %			
101-1 Location: 6th Floor - Drywall	218062160-27	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 10 %, Fibrous glass 5 %, Non-fibrous 85 %			
101-2 Location: 6th Floor - Drywall	218062160-28	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 15 %, Fibrous glass 2 %, Non-fibrous 83 %			
101-3 Location: 2nd Floor - Drywall	218062160-29	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 10 %, Non-fibrous 90 %			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
101A-1 Location: 6th Floor - Joint Compound	218062160-30	Yes	0.8 % (EPA 400 PC) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 0.8 %			
Other Material: Cellulose Trace, Non-fibrous 99.2 %			
101A-2 Location: 6th Floor - Joint Compound	218062160-31	Yes	0.5 % (EPA 400 PC) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 0.5 %			
Other Material: Cellulose Trace, Non-fibrous 99.5 %			
101A-3 Location: 2nd Floor - Joint Compound	218062160-32	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
102-1 102 Location: 6th Floor - Transite Wall Panel	218062160-33	Yes	16.7 % (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Grey, Homogeneous, Fibrous, Cementitious, Bulk Material			
Asbestos Types: Chrysotile 16.7 %			
Other Material: Non-fibrous 83.3 %			
102-2 102 Location: 6th Floor - Transite Wall Panel	218062160-34		NA/PS
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			
103-1 Location: 6th Floor - Pyrobar Block	218062160-35	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 5 %, Non-fibrous 95 %			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180523JD-A; 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
103-2 Location: 6th Floor - Pyrobar Block	218062160-36	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: Grey/White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 5 %, Non-fibrous 95 %			
104A-1 Location: 5th Floor - Ceramic Wall Tile Grout	218062160-37	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
104A-2 Location: 5th Floor - Ceramic Wall Tile Grout	218062160-38	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Reporting Notes:

(1) This job was - Analyzed using Motic BA310 Pol Scope S/N 1190000538

Analyzed by: Bo Sun Bo Sun

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: _____ END OF REPORT _____



PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.
Attn: John Wolf
712 Main Street
Suite L1
Buffalo, NY 14202

Date Received 06/11/18 **AmeriSci Job #** 218062446
Date Examined 06/13/18 **P.O. #**
ELAP # 11480 **Page** 1 of 5
RE: 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
305-3 305	218062446-01 Location: 1st Floor - Floor Leveler	No	NAD ¹ (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Brown/White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
305-4 304	218062446-02 Location: 1st Floor - Floor Leveler	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Brown/White, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
400-1 400	218062446-03 Location: 6th Floor - Air Cell Pipe Insulation	Yes	26.7 % (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: White, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 26.7 %			
Other Material: Cellulose 40 %, Non-fibrous 33.3 %			
400-2 400	218062446-04 Location: 6th Floor - Air Cell Pipe Insulation		NA/PS
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			
401-1 401	218062446-05 Location: 4th Floor - Mud Fittings	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Fibrous glass 15 %, Non-fibrous 85 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
401-2 401	218062446-06 Location: 2nd Floor - Mud Fittings	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 20 %, Non-fibrous 80 %			
401-3 401	218062446-07 Location: Basement - Mud Fittings	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 20 %, Non-fibrous 80 %			
402-1 402	218062446-08 Location: 4th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.	No	NAD (by NYS ELAP 198.6) by Bo Sun on 06/13/18
Analyst Description: Silver/Black/White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18.1 % Comment: Submitted Sample Contained TAR (NOB)			
402-2 402	218062446-09 Location: 4th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.	No	NAD (by NYS ELAP 198.6) by Bo Sun on 06/13/18
Analyst Description: Silver/Black/White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 25.2 % Comment: Submitted Sample Contained TAR (NOB)			
402-3 402	218062446-10 Location: 5th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.	No	NAD (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: White/Green, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 95 %, Non-fibrous 5 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
403-1 403	218062446-11 Location: 2nd Floor - Mag Pipe Insulation	Yes	5 % (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 2.0 %, Amosite 3.0 % Other Material: Non-fibrous 95 %			
403-2 403	218062446-12 Location: 2nd Floor - Mag Pipe Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
403-3 403	218062446-13 Location: 2nd Floor - Mag Pipe Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
500-1 500	218062446-14 Location: 2nd Fl. - Duct Insulation	Yes	14.3 % (by NYS ELAP 198.1) by Bo Sun on 06/13/18
Analyst Description: Grey/White, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 14.3 % Other Material: Non-fibrous 85.7 %			
500-2 500	218062446-15 Location: 2nd Fl. - Duct Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
500-3 500	218062446-16 Location: 2nd Fl. - Duct Insulation		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
501-1 501	218062446-17 Location: 2nd Fl. - Black Tar On Cork	Yes	4.1 % ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.1 % Other Material: Non-fibrous 47.3 %			
501-2 501	218062446-18 Location: 2nd Fl. - Black Tar On Cork		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
600-1 600	218062446-19 Location: Ext. - Window Glazing Comp.	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Anthophyllite <0.25 % pc Other Material: Non-fibrous 9.1 %			
600-2 600	218062446-20 Location: Ext. - Window Glazing Comp.	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Anthophyllite <0.25 % pc Other Material: Non-fibrous 12.5 %			
602-1 602	218062446-21 Location: 6th Fl. - Wire Insulation	No	NAD (by NYS ELAP 198.6) by Bo Sun on 06/13/18
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18.7 %			
602-2 602	218062446-22 Location: 6th Fl. - Wire Insulation	No	NAD (by NYS ELAP 198.6) by Bo Sun on 06/13/18
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 18.5 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
603-1 603	218062446-23 Location: Boiler Rm. - Interior Window Glaze	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 13.1 %			
603-2 603	218062446-24 Location: Boiler Rm. - Interior Window Glaze	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Bo Sun on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 28.9 %			

Reporting Notes:

- (1) This job was - Analyzed using Motic BA310 Pol Scope S/N 1190000538
- (2) Sample prepared for analysis by ELAP 198.6 method

Analyzed by: Bo Sun Bo Sun

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: _____ END OF REPORT _____

18-0531JD-A

Table I
Summary of Bulk Asbestos Analysis Results
 180531JD-A; 515 6th St., N. Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	305-3	305	---	---	---	---	NAD	NA
Location: 1st Floor - Floor Leveler								
02	305-4	304	---	---	---	---	NAD	NA
Location: 1st Floor - Floor Leveler								
03	400-1	400	---	---	---	---	Chrysotile 26.7	NA
Location: 6th Floor - Air Cell Pipe Insulation								
04	400-2	400	---	---	---	---	NA/PS	NA
Location: 6th Floor - Air Cell Pipe Insulation								
05	401-1	401	---	---	---	---	NAD	NA
Location: 4th Floor - Mud Fittings								
06	401-2	401	---	---	---	---	NAD	NA
Location: 2nd Floor - Mud Fittings								
07	401-3	401	---	---	---	---	NAD	NA
Location: Basement - Mud Fittings								
08	402-1	402	0.144	81.3	0.7	18.1	NAD	NAD
Location: 4th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.								
09	402-2	402	0.226	74.3	0.4	25.2	NAD	NAD
Location: 4th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.								
10	402-3	402	---	---	---	---	NAD	NA
Location: 5th Floor - Canvas Jacketing Over Fiberglass Pipe Ins.								
11	403-1	403	---	---	---	---	Chrysotile 2.0 Amosite 3.0	NA
Location: 2nd Floor - Mag Pipe Insulation								
12	403-2	403	---	---	---	---	NA/PS	NA
Location: 2nd Floor - Mag Pipe Insulation								
13	403-3	403	---	---	---	---	NA/PS	NA
Location: 2nd Floor - Mag Pipe Insulation								
14	500-1	500	---	---	---	---	Chrysotile 14.3	NA
Location: 2nd Fl. - Duct Insulation								
15	500-2	500	---	---	---	---	NA/PS	NA
Location: 2nd Fl. - Duct Insulation								
16	500-3	500	---	---	---	---	NA/PS	NA
Location: 2nd Fl. - Duct Insulation								

See Reporting notes on last page

18-0531JD-A

Table I
Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., N. Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	501-1	501	0.173	42.8	5.8	47.3	Chrysotile 4.1	NA
Location: 2nd Fl. - Black Tar On Cork								
18	501-2	501	0.339	36.9	3.8	59.3	NA/PS	NA
Location: 2nd Fl. - Black Tar On Cork								
19	600-1	600	0.176	8.5	82.4	7.3	Anthophyllite <0.25	Chrysotile 1.8
Location: Ext. - Window Glazing Comp.								
20	600-2	600	0.281	6.0	81.5	12.5	Anthophyllite <0.25	NA/PS
Location: Ext. - Window Glazing Comp.								
21	602-1	602	0.214	48.6	32.7	18.7	NAD	NAD
Location: 6th Fl. - Wire Insulation								
22	602-2	602	0.238	45.0	36.6	18.5	NAD	NAD
Location: 6th Fl. - Wire Insulation								
23	603-1	603	0.107	12.1	74.8	11.5	Chrysotile <0.25	Chrysotile 1.6
Location: Boiler Rm. - Interior Window Glaze								
24	603-2	603	0.343	11.7	59.5	28.9	Chrysotile <0.25	NA/PS
Location: Boiler Rm. - Interior Window Glaze								

Analyzed by: Marik Peysakhov; Date Analyzed 6/15/2018

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SCF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____



PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.
Attn: John Wolf
712 Main Street
Suite L1
Buffalo, NY 14202

Date Received 06/11/18 **AmeriSci Job #** 218062455
Date Examined 06/13/18 **P.O. #**
ELAP # 11480 **Page** 1 of 6
RE: 180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
104B-1 104B Location: 5th Floor - Ceramic Wall Tile Mastic	218062455-01	No	NAD ¹ (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Cream, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 42.8 %			
104B-2 104B Location: 5th Floor - Ceramic Wall Tile Mastic	218062455-02	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Cream, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 45 %			
200-1 200 Location: 6th Floor - 1 x 1 Ceiling Tile	218062455-03	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 13.4 %			
200-2 200 Location: 6th Floor - 1 x 1 Ceiling Tile	218062455-04	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 40.1 %			
200A-1 200A Location: 6th Floor - Ceiling Tile Mastic	218062455-05	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 34.8 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
200A-2 200A	218062455-06 Location: 6th Floor - Ceiling Tile Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 4.4 %			
200A-3 200A	218062455-07 Location: 2nd Floor - Ceiling Tile Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 1.7 %			
200A-4 200A	218062455-08 Location: 2nd Floor - Ceiling Tile Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 1.3 %			
201-1 201	218062455-09 Location: 5th Floor - 2 x 4 Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 30.1 %			
201-2 201	218062455-10 Location: 5th Floor - 2 x 4 Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 26.4 %			
300-1 300	218062455-11 Location: 6th Floor - 9 x 9 Floor Tile	Yes	7.1 % (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 7.1 %			
Other Material: Non-fibrous 37.4 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
300-2 300	218062455-12 Location: 6th Floor - 9 x 9 Floor Tile		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300-3 300	218062455-13 Location: 3rd Floor - 9 x 9 Floor Tile		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300-4 300	218062455-14 Location: 3rd Floor - 9 x 9 Floor Tile		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300A-1 300A	218062455-15 Location: 6th Floor - Black Mastic	Yes	3.1 % (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 3.1 % Other Material: Non-fibrous 15.4 %			
300A-2 300A	218062455-16 Location: 6th Floor - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300A-3 300A	218062455-17 Location: 3rd Floor - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
300A-4 300A	218062455-18 Location: 3rd Floor - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300A-5 300A	218062455-19 Location: Basement - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
300A-6 300A	218062455-20 Location: Basement - Black Mastic		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
301-1 301	218062455-21 Location: 6th Floor - Cove Base Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 52.3 %			
301-2 301	218062455-22 Location: 6th Floor - Cove Base Mastic	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 49.2 %			
303-1 303	218062455-23 Location: 5th Floor - 12 x 12 Floor Tile - Beige / Gray	Yes	4.5 % (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Beige/Gray, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.5 % Other Material: Non-fibrous 22.5 %			

Client Name: AMD Environmental Consultants, Inc.

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
303-2 303	218062455-24 Location: 5th Floor - 12 x 12 Floor Tile - Beige / Gray		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
303-3 303	218062455-25 Location: Basement - 12 x 12 Floor Tile - Beige / Gray		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
303-4 303	218062455-26 Location: Basement - 12 x 12 Floor Tile - Beige / Gray		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
303A-1 303A	218062455-27 Location: 5th Floor - Mastic Of 12 x 12 Floor Tile	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 38 %			
303A-2 303A	218062455-28 Location: 5th Floor - Mastic Of 12 x 12 Floor Tile	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 39.3 %			
304-1 304	218062455-29 Location: 5th Floor - Linoleum - Gold	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 45.2 %			

Client Name: AMD Environmental Consultants, Inc.

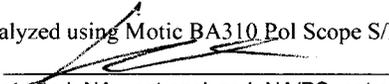
PLM Bulk Asbestos Report

180531JD-A; 515 6th St., Niagara Falls, NY

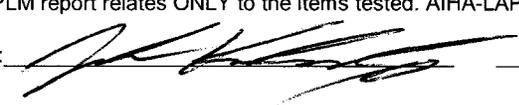
Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
304-2 304 Location: 5th Floor - Linoleum - Gold	218062455-30	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/13/18
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 41.3 %			
305-1 305 Location: 5th Floor - Floor Leveler	218062455-31	No	NAD (by NYS ELAP 198.1) by Kensen Caro on 06/13/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
305-2 305 Location: 5th Floor - Floor Leveler	218062455-32	No	NAD (by NYS ELAP 198.1) by Kensen Caro on 06/13/18
Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

Reporting Notes:

(1) This job was - Analyzed using Motic BA310 Pol Scope S/N 1190000538

Analyzed by: Kensen Caro 

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: 

END OF REPORT

18-0531JD-A

Table I
Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., Niagara Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	104B-1	104B	0.173	49.1	8.1	40.7	NAD	Chrysotile 2.14
	Location: 5th Floor - Ceramic Wall Tile Mastic							
02	104B-2	104B	0.229	45.0	10.0	45.0	NAD	NA/PS
	Location: 5th Floor - Ceramic Wall Tile Mastic							
03	200-1	200	0.254	15.4	71.3	13.4	NAD	NAD
	Location: 6th Floor - 1 x 1 Ceiling Tile							
04	200-2	200	0.277	16.2	43.7	40.1	NAD	NAD
	Location: 6th Floor - 1 x 1 Ceiling Tile							
05	200A-1	200A	0.181	63.0	2.2	34.8	NAD	NA
	Location: 6th Floor - Ceiling Tile Mastic							
06	200A-2	200A	0.091	90.1	5.5	4.4	NAD	NAD
	Location: 6th Floor - Ceiling Tile Mastic							
07	200A-3	200A	0.059	93.2	5.1	1.7	NAD	NAD
	Location: 2nd Floor - Ceiling Tile Mastic							
08	200A-4	200A	0.080	93.8	5.0	1.3	NAD	NAD
	Location: 2nd Floor - Ceiling Tile Mastic							
09	201-1	201	0.472	23.7	46.2	29.9	NAD	Chrysotile <1.0
	Location: 5th Floor - 2 x 4 Ceiling Tile							
10	201-2	201	0.398	13.1	60.6	26.2	NAD	Chrysotile <1.0
	Location: 5th Floor - 2 x 4 Ceiling Tile							
11	300-1	300	0.137	24.8	30.7	37.4	Chrysotile 7.1	NA
	Location: 6th Floor - 9 x 9 Floor Tile							
12	300-2	300	0.259	23.9	31.7	44.4	NA/PS	NA
	Location: 6th Floor - 9 x 9 Floor Tile							
13	300-3	300	0.227	27.8	40.1	32.2	NA/PS	NA
	Location: 3rd Floor - 9 x 9 Floor Tile							
14	300-4	300	0.185	27.0	38.9	34.1	NA/PS	NA
	Location: 3rd Floor - 9 x 9 Floor Tile							
15	300A-1	300A	0.124	71.0	10.5	15.4	Chrysotile 3.1	NA
	Location: 6th Floor - Black Mastic							
16	300A-2	300A	0.125	70.4	10.4	19.2	NA/PS	NA
	Location: 6th Floor - Black Mastic							

Client Name: AMD Environmental Consultants, Inc.

18-0531JD-A

Table I
Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., Niagara Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	300A-3	300A	0.270	22.6	23.0	54.4	NA/PS	NA
	Location: 3rd Floor - Black Mastic							
18	300A-4	300A	0.303	24.1	28.1	47.9	NA/PS	NA
	Location: 3rd Floor - Black Mastic							
19	300A-5	300A	0.069	44.9	37.7	17.4	NA/PS	NA
	Location: Basement - Black Mastic							
20	300A-6	300A	0.063	44.4	39.7	15.9	NA/PS	NA
	Location: Basement - Black Mastic							
21	301-1	301	0.264	37.9	9.8	52.3	NAD	NAD
	Location: 6th Floor - Cove Base Mastic							
22	301-2	301	0.303	39.6	11.2	49.2	NAD	NAD
	Location: 6th Floor - Cove Base Mastic							
23	303-1	303	0.259	22.0	51.0	22.5	Chrysotile 4.5	NA
	Location: 5th Floor - 12 x 12 Floor Tile - Beige / Gray							
24	303-2	303	0.274	23.4	48.9	27.7	NA/PS	NA
	Location: 5th Floor - 12 x 12 Floor Tile - Beige / Gray							
25	303-3	303	0.243	21.8	46.9	31.3	NA/PS	NA
	Location: Basement - 12 x 12 Floor Tile - Beige / Gray							
26	303-4	303	0.216	22.7	44.4	32.9	NA/PS	NA
	Location: Basement - 12 x 12 Floor Tile - Beige / Gray							
27	303A-1	303A	0.142	45.8	16.2	37.8	NAD	Chrysotile <1.0
	Location: 5th Floor - Mastic Of 12 x 12 Floor Tile							
28	303A-2	303A	0.145	49.7	11.0	39.1	NAD	Chrysotile <1.0
	Location: 5th Floor - Mastic Of 12 x 12 Floor Tile							
29	304-1	304	0.312	48.1	6.7	45.2	NAD	NAD
	Location: 5th Floor - Linoleum - Gold							
30	304-2	304	0.218	54.6	4.1	41.3	NAD	NAD
	Location: 5th Floor - Linoleum - Gold							
31	305-1	305	----	----	----	----	NAD	NA
	Location: 5th Floor - Floor Leveler							
32	305-2	305	----	----	----	----	NAD	NA
	Location: 5th Floor - Floor Leveler							

See Reporting notes on last page

Client Name: AMD Environmental Consultants, Inc.

Table I Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., Niagara Falls, NY

18-0531JD-A

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
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35

Analyzed by: Feyza Gungor  ; Date Analyzed 6/14/2018

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: 



AmeriSci New York

117 EAST 30TH ST.
NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.
Attn: John Wolf
712 Main Street
Suite L1
Buffalo, NY 14202

Date Received 06/11/18 **AmeriSci Job #** 218062456
Date Examined 06/12/18 **P.O. #**
ELAP # 11480 **Page** 1 of 8
RE: 180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
601-1 601	218062456-01 Location: Ext. - Ext. Window Caulk	Yes	5 % ¹ (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.9 % Other Material: Non-fibrous 30.9 %			
601-2 601	218062456-02 Location: Ext. - Ext. Window Caulk		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
700-1 700	218062456-03 Location: Roof A - Field	Yes	5.7 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.7 % Other Material: Non-fibrous 37.2 %			
700-2 700	218062456-04 Location: Roof A - Field		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
701-1 701	218062456-05 Location: Roof A - Flashing	Yes	7.2 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 7.2 % Other Material: Non-fibrous 35.8 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
701-2 701	218062456-06 Location: Roof A - Flashing		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
702-1 702	218062456-07 Location: Roof A - Repair Tar	Yes	5.5 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.5 % Other Material: Non-fibrous 27.6 %			
702-2 702	218062456-08 Location: Roof A - Repair Tar		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
703-1 703	218062456-09 Location: Roof A - Lightweight Concrete	No	NAD (by NYS ELAP 198.1) by Kensen Caro on 06/12/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
703-2 703	218062456-10 Location: Roof A - Lightweight Concrete	No	NAD (by NYS ELAP 198.1) by Kensen Caro on 06/12/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
704-1 704	218062456-11 Location: Roof B - Field	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 4 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
704-2 704 Location: Roof B - Field	218062456-12	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 8.4 %			
705-1 705 Location: Roof B - Silver Paint	218062456-13	Yes	3.7 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Silver, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 3.7 % Other Material: Non-fibrous 21.6 %			
705-2 705 Location: Roof B - Silver Paint	218062456-14		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
706-1 706 Location: Roof B - Flashing	218062456-15	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.7 %			
706-2 706 Location: Roof B - Flashing	218062456-16	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.4 %			
707-1 707 Location: Roof C - Field	218062456-17	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.1 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
707-2 707 Location: Roof C - Field	218062456-18	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 14.4 %			
708-1 708 Location: Roof C - Flashing	218062456-19	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 2.7 %			
708-2 708 Location: Roof C - Flashing	218062456-20	Yes	6 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 6.0 % Other Material: Non-fibrous 45 %			
709-1 709 Location: Roof C - Repair Tar	218062456-21	Yes	5.1 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 5.1 % Other Material: Non-fibrous 26.9 %			
709-2 709 Location: Roof C - Repair Tar	218062456-22		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
710-1 710 Location: Roof C - Silver Paint	218062456-23	Yes	6.1 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Silver, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 6.1 % Other Material: Non-fibrous 33.8 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
710-2 710	218062456-24 Location: Roof C - Silver Paint		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
711-1 711	218062456-25 Location: Roof D - Field	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 1.1 %			
711-2 711	218062456-26 Location: Roof D - Field	Yes	Trace (<0.25 % pc) ² (EPA 400 PC) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 22.2 %			
712-1 712	218062456-27 Location: Roof D - Flashing	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.3 %			
712-2 712	218062456-28 Location: Roof D - Flashing	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.8 %			
713-1 713	218062456-29 Location: Roof D - Repair Tar	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 12.8 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
713-2 713 Location: Roof D - Repair Tar	218062456-30	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 13.9 %			
714-1 714 Location: Roof E - Field	218062456-31	Yes	7.3 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 7.3 % Other Material: Non-fibrous 40 %			
714-2 714 Location: Roof E - Field	218062456-32		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
715-1 715 Location: Roof E - Flashing	218062456-33	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 10.4 %			
715-2 715 Location: Roof E - Flashing	218062456-34	No	NAD (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 19.8 %			
716-1 716 Location: Roof E - Repair Tar	218062456-35	Yes	4.8 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.8 % Other Material: Non-fibrous 24.1 %			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

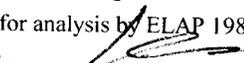
Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
716-2 716	218062456-36 Location: Roof E - Repair Tar		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
717-1 717	218062456-37 Location: Roof E - Silver Paint	Yes	8.3 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: Silver, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 8.3 % Other Material: Non-fibrous 41.3 %			
717-2 717	218062456-38 Location: Roof E - Silver Paint		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
601-1 601	218062456-39 Location: Ext. - Window Caulk	Yes	3.5 % (by NYS ELAP 198.6) by Kensen Caro on 06/12/18
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 3.5 % Other Material: Non-fibrous 21 %			
601-2 601	218062456-40 Location: Ext. - Window Caulk		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			

PLM Bulk Asbestos Report

180531JD-A; 515 6th St., N. Falls, NY

Reporting Notes:

- (1) This job was - Analyzed using Motic BA310 Pol Scope S/N 1190000538
- (2) Sample prepared for analysis by ELAP 198.6 method

Analyzed by: Kensen Caro 

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: _____ END OF REPORT _____

Table I
Summary of Bulk Asbestos Analysis Results
 180531JD-A; 515 6th St., N. Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	601-1	601	0.192	59.4	4.7	30.9	Chrysotile 4.9	NA
	Location: Ext. - Ext. Window Caulk							
02	601-2	601	0.299	28.4	42.8	28.8	NA/PS	NA
	Location: Ext. - Ext. Window Caulk							
03	700-1	700	0.266	51.9	5.3	37.2	Chrysotile 5.7	NA
	Location: Roof A - Field							
04	700-2	700	0.304	77.6	3.3	19.1	NA/PS	NA
	Location: Roof A - Field							
05	701-1	701	0.249	53.4	3.6	35.8	Chrysotile 7.2	NA
	Location: Roof A - Flashing							
06	701-2	701	0.177	52.5	3.4	44.1	NA/PS	NA
	Location: Roof A - Flashing							
07	702-1	702	0.254	61.0	5.9	27.6	Chrysotile 5.5	NA
	Location: Roof A - Repair Tar							
08	702-2	702	0.235	60.9	6.0	33.2	NA/PS	NA
	Location: Roof A - Repair Tar							
09	703-1	703	---	---	---	---	NAD	NA
	Location: Roof A - Lightweight Concrete							
10	703-2	703	---	---	---	---	NAD	NA
	Location: Roof A - Lightweight Concrete							
11	704-1	704	0.278	76.3	19.8	4.0	NAD	NAD
	Location: Roof B - Field							
12	704-2	704	0.191	89.5	2.1	8.4	NAD	NAD
	Location: Roof B - Field							
13	705-1	705	0.288	49.7	25.0	21.6	Chrysotile 3.7	NA
	Location: Roof B - Silver Paint							
14	705-2	705	0.257	47.5	21.4	31.1	NA/PS	NA
	Location: Roof B - Silver Paint							
15	706-1	706	0.188	94.7	2.7	2.7	NAD	NAD
	Location: Roof B - Flashing							
16	706-2	706	0.296	97.3	1.4	1.4	NAD	NAD
	Location: Roof B - Flashing							

18-0531JD-A

Table I
Summary of Bulk Asbestos Analysis Results
 180531JD-A; 515 6th St., N. Falls, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	707-1	707	0.239	96.2	1.7	2.0	NAD	Chrysotile Trace
Location: Roof C - Field								
18	707-2	707	0.277	81.6	4.0	14.3	NAD	Chrysotile Trace
Location: Roof C - Field								
19	708-1	708	0.225	94.2	3.1	2.7	Chrysotile <0.25	NA
Location: Roof C - Flashing								
20	708-2	708	0.292	44.5	4.5	45.0	Chrysotile 6.0	NA
Location: Roof C - Flashing								
21	709-1	709	0.172	64.0	4.1	26.9	Chrysotile 5.1	NA
Location: Roof C - Repair Tar								
22	709-2	709	0.248	64.5	4.0	31.5	NA/PS	NA
Location: Roof C - Repair Tar								
23	710-1	710	0.281	55.9	4.3	33.8	Chrysotile 6.1	NA
Location: Roof C - Silver Paint								
24	710-2	710	0.172	45.9	1.7	52.3	NA/PS	NA
Location: Roof C - Silver Paint								
25	711-1	711	0.190	96.8	2.1	1.0	Chrysotile <0.25	Chrysotile Trace
Location: Roof D - Field								
26	711-2	711	0.536	71.6	6.2	22.1	Chrysotile <0.25	Chrysotile Trace
Location: Roof D - Field								
27	712-1	712	0.271	69.0	27.7	3.2	NAD	Chrysotile Trace
Location: Roof D - Flashing								
28	712-2	712	0.285	69.8	27.4	2.7	NAD	Chrysotile Trace
Location: Roof D - Flashing								
29	713-1	713	0.297	82.5	4.7	12.8	NAD	NAD
Location: Roof D - Repair Tar								
30	713-2	713	0.295	81.7	4.4	13.9	NAD	NAD
Location: Roof D - Repair Tar								
31	714-1	714	0.429	35.9	16.8	40.0	Chrysotile 7.3	NA
Location: Roof E - Field								
32	714-2	714	0.707	31.7	22.6	45.7	NA/PS	NA
Location: Roof E - Field								

Client Name: AMD Environmental Consultants, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

180531JD-A; 515 6th St., N. Falls, NY

18-0531JD-A

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	715-1	715	0.249	83.1	6.4	10.3	NAD	Chrysotile Trace
Location: Roof E - Flashing								
34	715-2	715	0.373	72.9	7.2	19.7	NAD	Chrysotile Trace
Location: Roof E - Flashing								
35	716-1	716	0.253	65.2	5.9	24.1	Chrysotile 4.8	NA
Location: Roof E - Repair Tar								
36	716-2	716	0.330	67.9	4.5	27.6	NA/PS	NA
Location: Roof E - Repair Tar								
37	717-1	717	0.250	48.0	2.4	41.3	Chrysotile 8.3	NA
Location: Roof E - Silver Paint								
38	717-2	717	0.268	48.1	3.0	48.9	NA/PS	NA
Location: Roof E - Silver Paint								
39	601-1	601	0.233	12.0	63.5	21.0	Chrysotile 3.5	NA
Location: Ext. - Window Caulk								
40	601-2	601	0.239	12.6	69.9	17.6	NA/PS	NA
Location: Ext. - Window Caulk								



Analyzed by: Marik Peysakhov ; Date Analyzed 6/12/2018

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____



2.1 Analytical Key Terms and Definitions

PLM: Polarized Light Microscopy; type of analysis

TEM: Transmission Electron Microscopy; secondary analysis if applicable

NOB: Non-Friable Organically Bound; materials analyzed by PLM or TEM

NAD: No asbestos detected

NA: Not applicable

PS: Positive Stop

Trace: Less than 1% asbestos (Non ACM)

ACM: Asbestos Containing Material



3.0 Sample Chain(s) of Custody

BULK CHAIN OF CUSTODY

AMERISCI NEW YORK
117 EAST 30TH STREET
NEW YORK, NY 10016
TOLL FREE: (800) 705-5227
PHONE: (212) 679-8600
FAX: (212) 679-9392



WWW.AMERISCI.COM

Relinquished By: [Signature] Date/Time: 6-7-18
 Received By: [Signature] Date/Time: 6/8/18
 Relinquished By: [Signature] Date/Time: _____
 Received By: [Signature] Date/Time: _____

Project: 180531JD-A Project #: 180523 JD-A
 Proj Mgr: _____ Proj State: NY
 Proj Address: 515 6th St N. Falls Analysis: PLM; Positive Stop; TEM; NY ELAP PLM/TEM w/ NOB Prep.
 ASTM Dust (Microvac) (Wipe); Qualitative; Other (describe in comments)
 Turnaround Time: 5 Days Material Type: Bulk Dust Water
 Sampled By: Doucette Date Sampled: 6-7-18

Company: **AMD Environmental**
 Street Address: 712 Main Street, Suite L 1
 City: Buffalo State: NY Zip: 14202
 Phone: 716-833-0043 Cell: _____
 Fax Results? Y N Fax #: _____
 Email Results? Y N Email: to all parties listed below
 Results to: jwolf@amdenv.com, anthony@amdenv.com,
 Special Instructions or Comments: _____

admin@amdenv.com, dbatt@amdenv.com, sdunlap@amdenv.com, john.doucette@amdenv.com

Lab ID	Field ID	Location	Sample Description (Dist/Area)	Homogeneous Area
48	100A-1,2,3	Basement	Skim Plaster	
	100A-4,5	3rd Floor	Skim Plaster	
	100A-6,7	4th Floor	Skim Plaster	
	100A-8,7,10	5th Floor	Skim Plaster	
	100A-11,12,17	6th Floor	Skim Plaster	
	100B-1,2,3	Basement	Base Plaster	
	100B-4,5	3rd Floor	Base Plaster	
	100B-6,7	4th Floor	Base Plaster	
	100B-8,9,10	5th Floor	Base Plaster	
	100B-11,12,17	6th Floor	Base Plaster	
	101-1, 2	6th Floor	Drywall	
	101-3	2nd Floor	Drywall	
	101A-1,2	6th Floor	Joint Compound	
	101A-3	2nd Floor	Joint Compound	
	102-1,2	6th Floor	Transite Wall Panel	
	103-1,2	6th Floor	Pyro-Bar - Block	
	104A-1,2	5th Floor	Ceramic Wall Tile Grout	

#278062160

Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By:
 Received By:

Date/Time: 6-8-18
 Date/Time: 6/11/18 1104
 Date/Time:
 Date/Time:

BULK CHAIN OF CUSTODY
 AMERISCI NEW YORK
 117 EAST 30TH STREET
 NEW YORK, NY 10016
 TOLL FREE: (800) 705-5227
 PHONE: (212) 679-8600
 FAX: (212) 679-9392



WWW.AMERISCI.COM

Company: **AMD Environmental**
 Street Address: 712 Main Street, Suite L 1
 City: Buffalo State: NY Zip: 14202
 Phone: 716-833-0043 Cell:
 Fax Results? Y Fax #:
 Email Results? Y Email: to all parties listed below
 Results to: jwolff@amdenv.com, anthony@amdenv.com,
 Special Instructions or Comments:
 Project: 180531 JD-A
 Proj Mgr: *[Signature]*
 Proj Address: 515 6th St Niagara Falls Proj State: NY
 Analysis: PLM; Positive Stop; NY ELAP PLM/TEM w/ NOB Prep.
 ASTM Dust (Microvac) (Wipe); Qualitative; Other (describe in comments)
 Turnaround Time: 5 Day Material Type: Bulk Dust Water
 Sampled By: Doucette Date Sampled: 6-7-18

admin@amdenv.com, dbatt@amdenv.com, sdunlap@amdenv.com, john.doucette@amdenv.com

51	104B-1, 2	5th Floor	Ceramic Wall Tile Mastic
	200-1, 2	6th Floor	1x1 Ceiling Tile
	200A-1, 2	6th Floor	Ceiling Tile Mastic
	200A-3, 4	2nd Floor	Ceiling Tile Mastic
	201-1, 2	5th Floor	2x4 Ceiling Tile
	300A		#2 18062455
	300-1, 2	6th Floor	9x9 Floor Tile
	300-3, 4	3rd Floor	9x9 Floor Tile
	300A-1, 2	6th Floor	Black Mastic
	300A-3, 4	3rd Floor	Black Mastic
	300A-5, 6	Basement	Black Mastic
	301-1, 2	6th Floor	Cove Base Mastic
	303-1, 2	5th Floor	12x12 Floor Tile - Beige/Tan
	303-3, 4	Basement	12x12 Floor Tile - Beige/Tan
	303A-1, 2	5th Floor	Mastic of 12x12 Floor Tile
	304-1, 2	5th Floor	Linoleum - Gold
	305-1, 2	5th Floor	Floor Louder

515 6th Street

BULK CHAIN OF CUSTODY
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WWW.AMERISCI.COM

Relinquished By: [Signature] Date/Time: 6-8-18
 Received By: [Signature] Date/Time: 6/11/18 110
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

Company: **AMD Environmental**
 Street Address: 712 Main Street, Suite L 1
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 Phone: 716-833-0043 Cell: _____
 Fax Results? Y N Fax #: _____
 Email Results? Y N Email: to all parties listed below
 Results to: jwolf@amdenv.com, anthony@amdenv.com,
 Special Instructions or Comments:
 Project: _____
 Proj Mgr: _____ Proj #: 180531JD-A
 Proj Address: 515 7th St W. Flt Proj State: NY
 Analysis: PLM; Positive Stop; TEM; NY ELAP PLM/TEM w/ NOB Prep.
 ASTM Dust (Microvac) (Wipe); Qualitative; Other (describe in comments)
 Turnaround Time: 5 Days Material Type: Bulk Dust Water
 Sampled By: Doucette Date Sampled: 6-7-18

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
5	601-1,2	Ext	Ext. Window Cracks	
	700-1,2	Roof A	Field	
	701-1,2	Roof A	Flashing	
	702-1,2	Roof A	Repair Tar	
	703-1,2	Roof A	Light Weight Concrete	
	704-1,2	Roof B	Field	
	705-1,2	Roof B	Silver Paint	
	706-1,2	Roof B	Flashing	
	707-1,2	Roof C	Field	
	708-1,2	Roof C	Flashing	
	709-1,2	Roof C	Repair Tar	
	710-1,2	Roof C	Silver Paint	
	711-1,2	Roof D	Field	
	712-1,2	Roof D	Flashing	
	713-1,2	Roof D	Repair Tar	
	714-1,2	Roof E	Field	
	715-1,2	Roof E	Flashing	

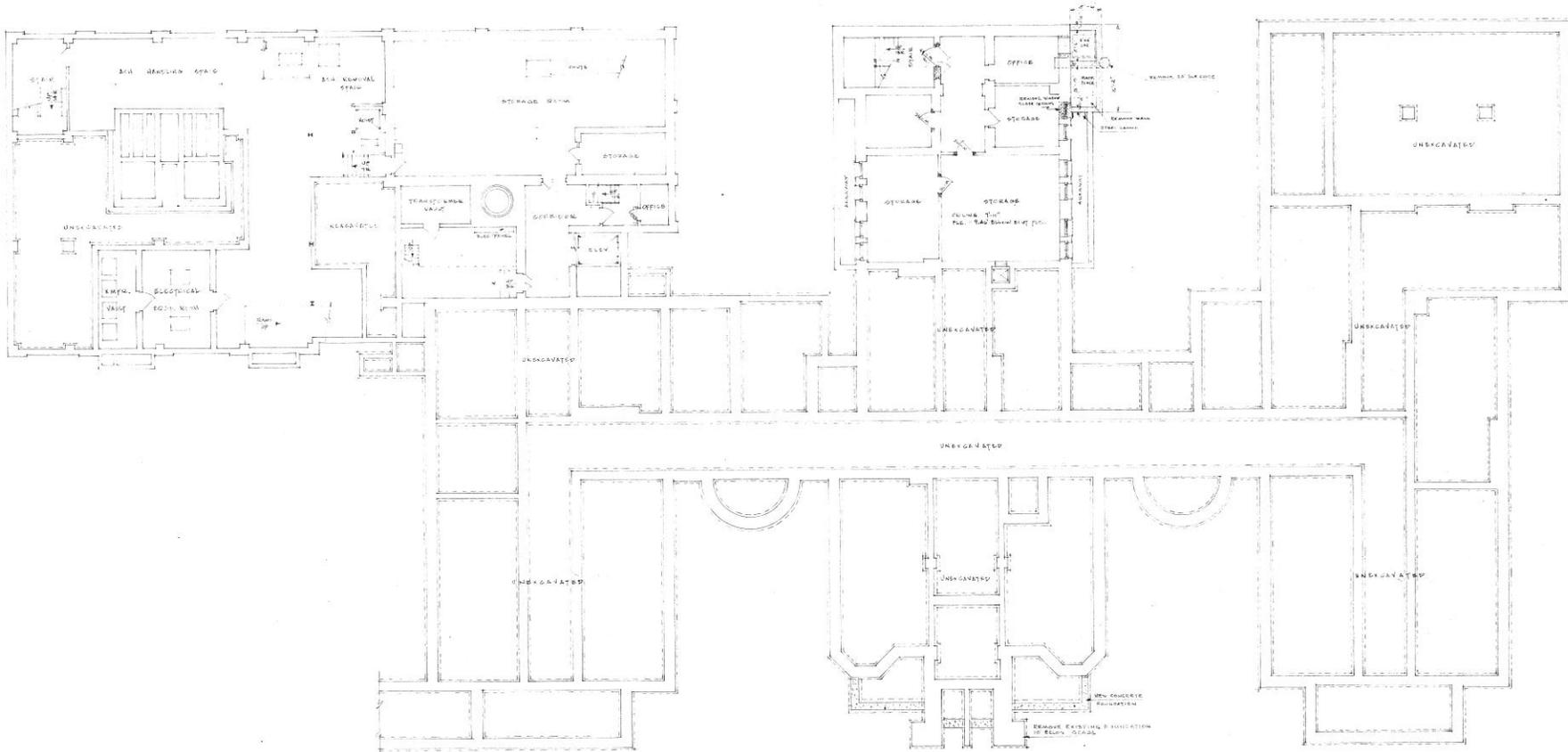
admin@amdenv.com, dbatt@amdenv.com, sdunlap@amdenv.com, john.doucette@amdenv.com

NO 218062456

515 6th Street



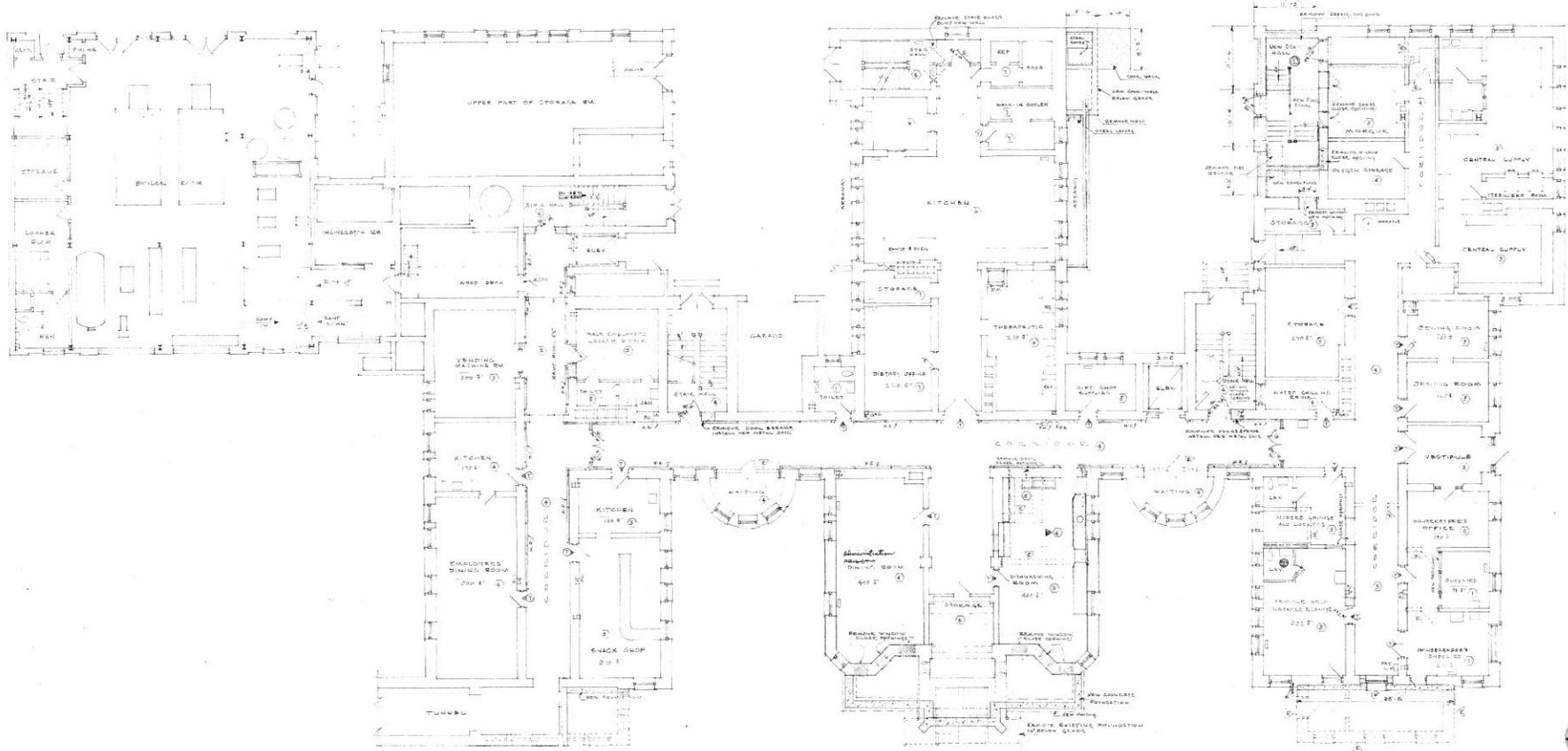
4.0 Site Map(s)



FOUNDATION & SUB-BASEMENT PLAN
DATE 12/1/10

PRELIMINARY DRAWING	
DRAWING NO. 18-0531JD-A	ST. MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
SCALE 1/8" = 1'-0"	
DATE 12-9-10	
DRAWN BY B.S.F.	MORTIMER J. MURPHY ARCHITECT 445 RANKIN ST., BUFFALO 2, N.Y.
CHECKED BY	
FOUNDATION & SUB-BASEMENT PLANS	

Foundation and Sub Basement

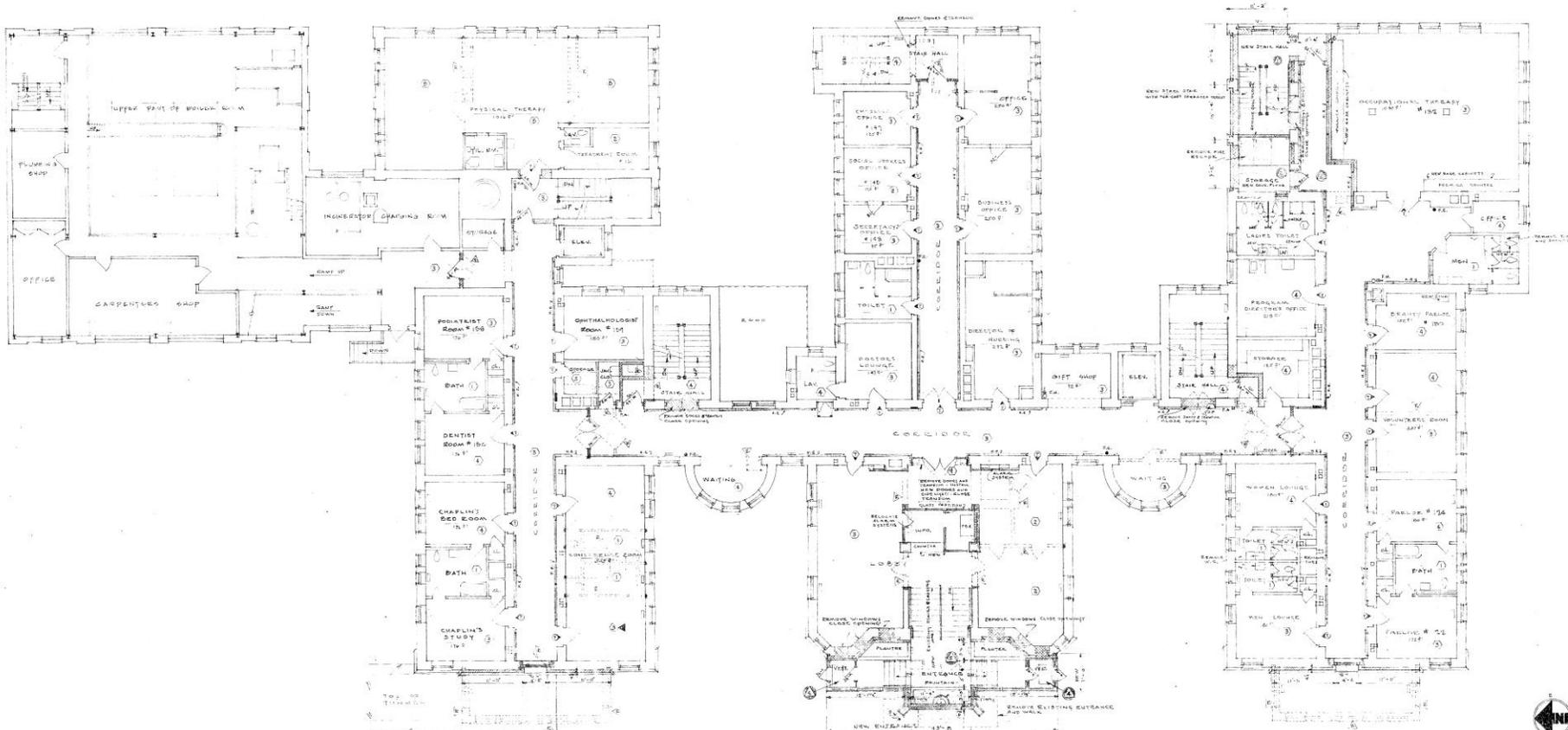


BASEMENT PLAN
SCALE 1/8" = 1'-0"

Basement

TOTAL FLOOR AREA 22,266 sq ft

REVISED JAN. 8, 1967	
PRELIMINARY DRAWING	
DRAWING NO. 201-9	ST. MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
SCALE 1/8" = 1'-0"	
DATE 12-8-64	MORTIMER J. HENRY ARCHITECT 48 RANKIN ST., BUFFALO 2, N.Y.
DRAWN BY S. D.	
CHECKED BY	
BASEMENT PLAN	



FIRST FLOOR PLAN
SCALE 1/8" = 1'-0"

1st Floor

TOTAL FLOOR AREA 12,000 sq. ft.



PRELIMINARY DRAWING	
DRAWING NO. 1001-A DATE 10-11-57 SHEET 12 OF 14	ST. MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
DRAWN BY S.D. CHECKED BY	MORTIMER J. MURPHY ARCHITECT 46 FRANKLIN ST., BUFFALO 2, N.Y.
FIRST FLOOR PLAN	



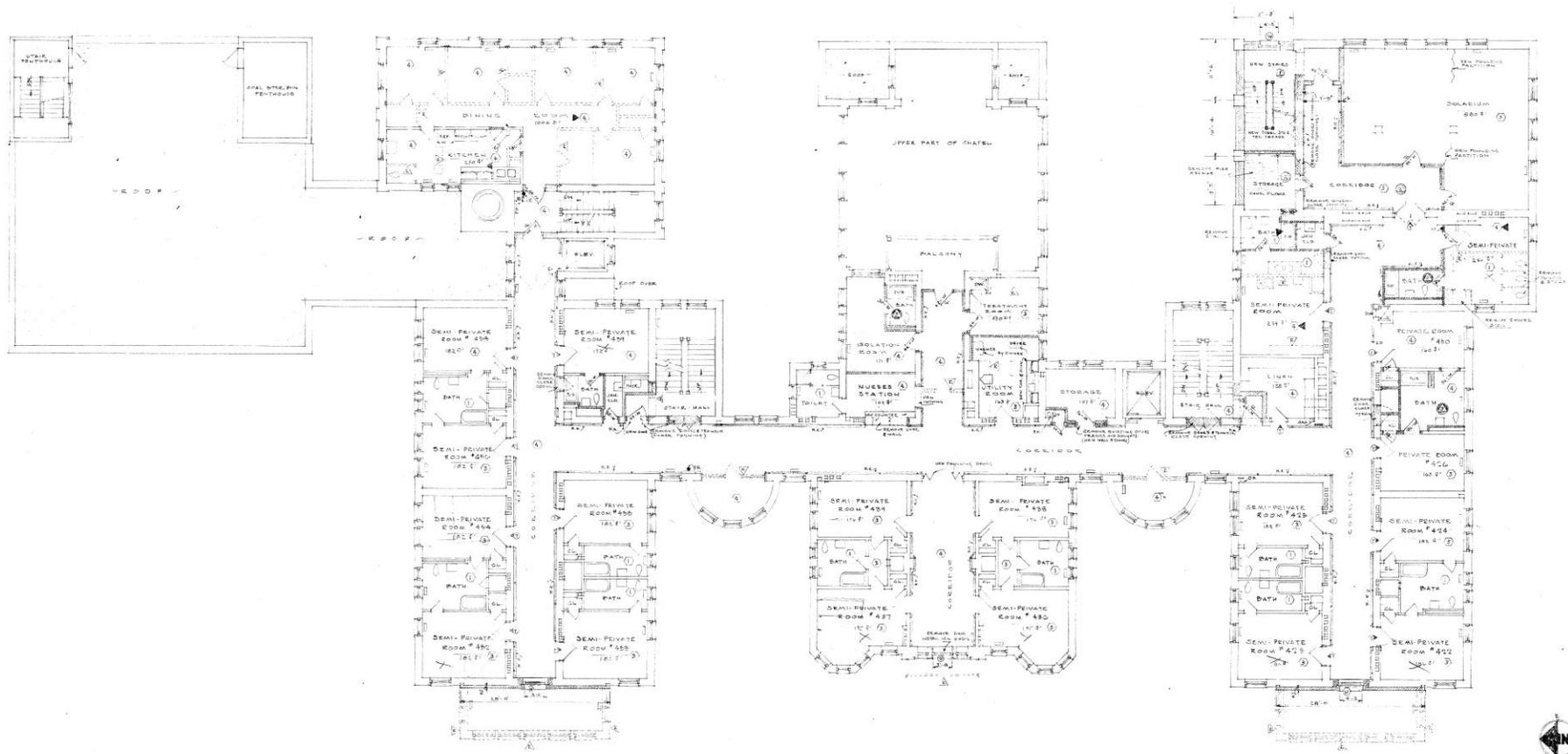
2nd Floor

© - These Bed Rooms

- 10 SEMI-PRIVATE ROOMS - 27 BEDS
 - 5 PRIVATE ROOMS - 2 BEDS
 - 1 ISOLATION ROOM - 2 BEDS
 - 21 ROOMS - 20 BEDS
- TOTAL FLOOR AREA 2,260'

REVISED JULY 1967

PRELIMINARY DRAWING	
DRAWING NO. 18-051-B	ST. MARY'S MANOR
SCALE 1/8" = 1'-0"	515 SIXTH STREET
DATE 12-9-64	NIAGARA FALLS, N.Y.
DRAWN BY S.D.	MORTIMER J. MURPHY
CHECKED BY	ARCHITECT
	445 FRANKLIN ST. BUFFALO 2, N. Y.
SECOND FLOOR PLAN	



FOURTH FLOOR PLAN
G.A.S. 12/10

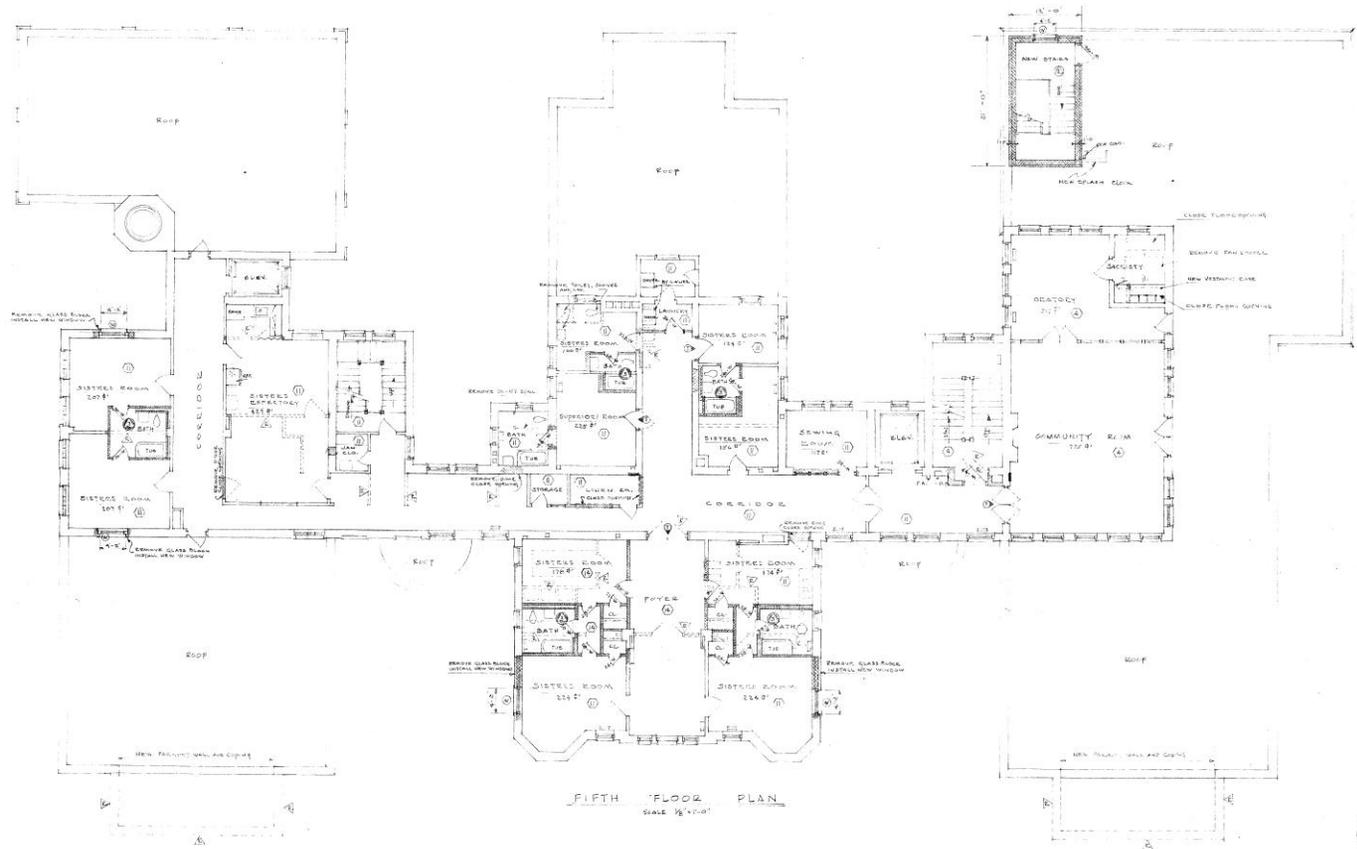
4th Floor

2 PRIVATE ROOMS
17 SEMI-PRIVATE ROOMS
1 UTILITY ROOM
20 BATHS
2
94 ROOMS
1
80 SQA
37
TOTAL FLOOR AREA 17,250'



REV. 5/10 JAN. 4 '10

PRELIMINARY DRAWING	
DRAWING NO. 1081-7 SCALE 1/4" = 1'-0" DATE 11-8-10 DRAWN BY P.S. CHECKED BY	ST MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
MORTIMER J. MURPHY ARCHITECT 48 FRANKLIN ST., BUFFALO 2, N. Y.	
FOURTH FLOOR PLAN	

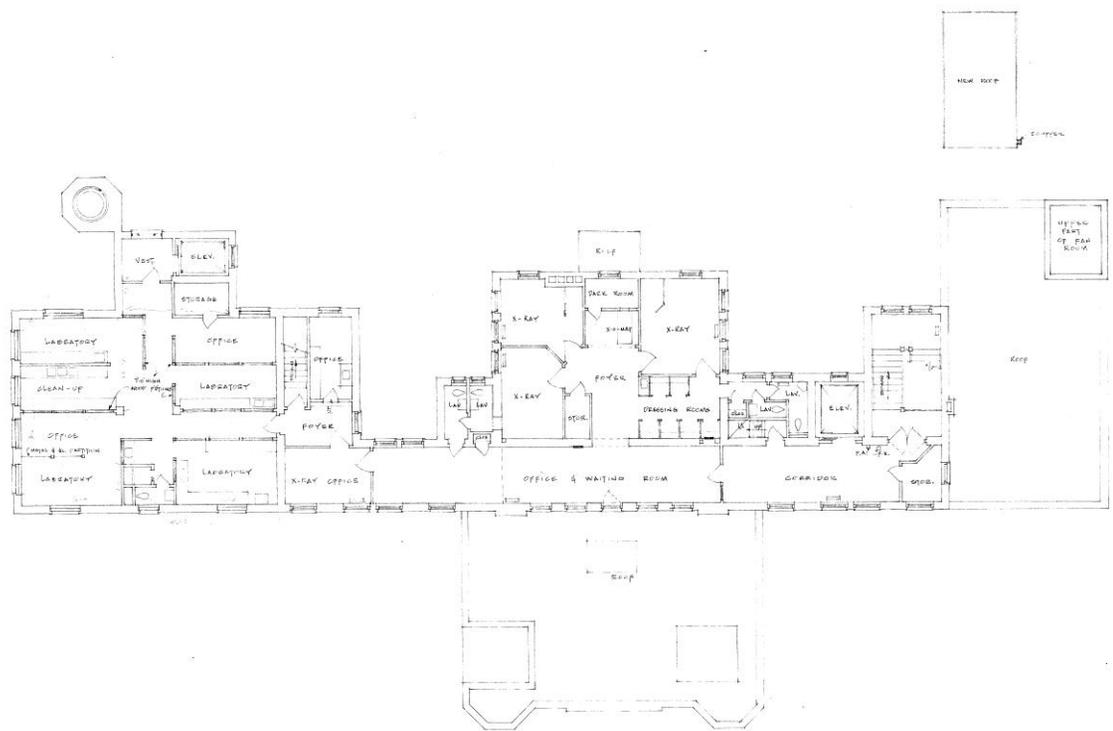


5th Floor

TOTAL FLOOR AREA 5,082 SF



REVISIONS	
PRELIMINARY DRAWING	
DRAWING NO. 17-01-8	ST. MARY'S MANOR 510 SIXTH STREET NIAGARA FALLS, N.Y.
DATE 12-9-64	
DRAWN BY E.D.	MORTIMER J. MURPHY ARCHITECT 460 BRANFORD ST., BUFFALO 2, N.Y.
CHECKED BY	
FIFTH FLOOR PLAN	



SIXTH FLOOR PLAN
66'-6" W x 110'

6th Floor

NOTE: NO NEW WORK ON THIS FLOOR

PRELIMINARY DRAWING	
DRAWING NO. 1061-1	ST. MARY'S MANOR 515 SIXTH STREET NIAGARA FALLS, N.Y.
DATE 12-8-64	
DRAWN BY S. D.	ARCHITECT MORTIMER J. MURPHY 445 FRANKLIN ST. BUFFALO, N.Y.
CHECKED BY	SIXTH FLOOR PLAN



KEY
X Roof Locations

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

Appendix I

Site Photographs



AMD
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Observation:

Pipe fittings with asbestos containing debris present.



Observation:

Visible asbestos debris scattered throughout bldg.

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Buffalo, NY 14202
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www.amdenvironmental.com

Appendix I

Site Photographs



Location:
Basement

Observation:
Asbestos Containing Thermal
Systems Insulation.



Location:
Basement

Observation:
Boiler with assumed
asbestos containing material

AMD Environmental Consultants, Inc.
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Appendix I

Site Photographs



AMD
ENVIRONMENTAL



Location:
Basement

Observation:
Visible debris scattered
throughout area



Location:
Basement

Observation:
Visible debris scattered
throughout area



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Appendix A: Firm Certification and Personnel License(s)



New York State – Department of Labor

Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

AMD Environmental Consultants, Inc.
Suite L1
712 Main Street
Buffalo, NY 14202

FILE NUMBER: 10-56177
LICENSE NUMBER: 56177
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 11/02/2017
EXPIRATION DATE: 11/30/2018

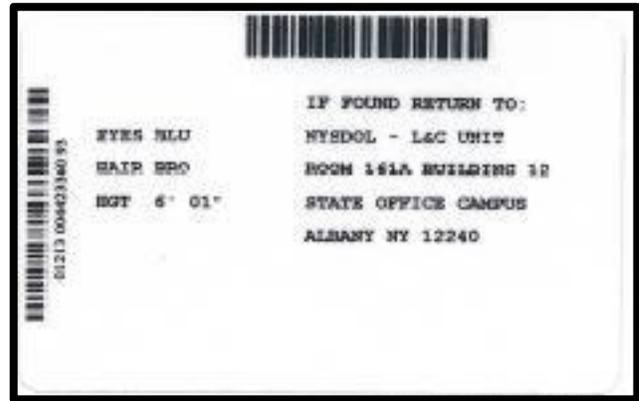
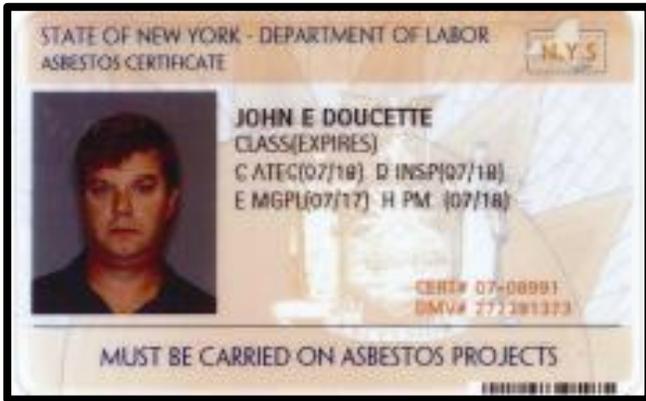
Duly Authorized Representative – Anthony DeMiglio:

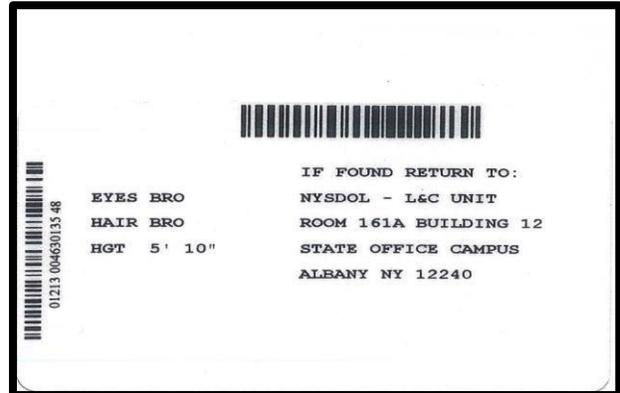
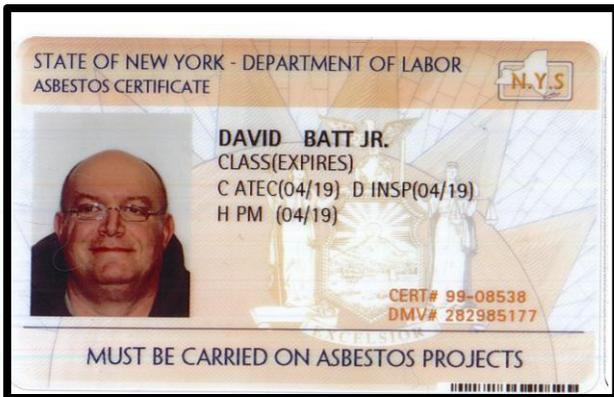
This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko, Director
For the Commissioner of Labor

SH 432 (8/12)







AMD
ENVIRONMENTAL

AMD Environmental Consultants, Inc.
712 Main St. Suite L1
Buffalo, NY 14202
Office: 716-833-0043 Fax: 716-241-8689
www.amdenvironmental.com

Appendix B: Laboratory Certification



**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. STEPHANIE L. AUSTIN
AMD ENVIRONMENTAL CONSULTANTS, INC
712 MAIN ST. SUITE L1
BUFFALO, NY 14202

NY Lab Id No: 11108

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:*

Miscellaneous

Fibers

NIOSH 7400 A RULES



Serial No.: 57674

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.